S6720-1-U

H106.808P (Rev. 5/89)

PENNSYLVANIA VITAL STATISTICS ANNUAL REPORT, 1987

DEPARTMENT OF HEALTH
N. MARK RICHARDS, M.D.
SECRETARY

STATE HEALTH DATA CENTER
HARRISBURG, PA

MAY, 1989

PENNSYLVANIA VITAL STATISTICS

PREFACE

This publication of 1987 Vital Statistics for Pennsylvania was prepared by the Division of Health Statistics and Research of the State Health Data Center, Pennsylvania Department of Health.

This 1987 report incorporates several changes from the 1986 edition. Most of the changes made to this 1987 report were developed in accordance with recommendations made by staff and others who commented on the content of previous reports. We thank our users for any compliments and suggestions and encourage their contributions.

Among the changes made is the inclusion of deaths due to HIV (Human Immunodeficiency Virus) Infection or AIDS. Cause of death codes for this relatively new disease were not available for use prior to 1987 deaths. Therefore, even though data are now available on deaths due to HIV Infection, no historical data (prior to 1987) are available. Also, we have deleted some graphs containing single year figures by county. Due to the small numbers and, therefore unreliability, of some of these figures by county, it was thought best not to highlight them through presentation in graphics. However, the graphics with five year summary figures by county have been maintained and are, more appropriately, highlighted. The listing of the top ten names given newborns in Pennsylvania now includes a racial breakdown. Several other tables have been slightly modified. We hope these changes will provide a new, better perspective on the vital events that Pennsylvanians experience.

The State Health Data Center welcomes comments and suggestions on the content and format of this report. The Health Data Center staff is available to answer questions regarding the report, including utilization and limitations of the data. Additional statistics not contained in this report are available upon request. See Appendix B for a detailed list.

Please address all comments, questions, requests for data, etc. to:

STATE HEALTH DATA CENTER
PENNSYLVANIA DEPARTMENT OF HEALTH
P.O BOX 90
HARRISBURG, PA 17108

Or call: (717) 783-2548

The Pennsylvania Department of Health is an equal opportunity provider of grants, contracts, services, and employment.

TABLE OF CONTENTS

PAGE

POPULATION STATISTICS

Highlights 5
List of Data Tables and Illustrations 6
State Tables and Illustrations 8
County Table and Map 12
Municipality Table 14

NATALITY STATISTICS

Highlights 17
List of Data Tables and Illustrations 21
State Tables and Illustrations 25
County Tables, Maps, and Illustrations 38
Municipality Tables and Illustrations 60

MORTALITY STATISTICS

Highlights 69
List of Data Tables and Illustrations 75
State Tables and Illustrations 82
County Tables and Maps 135
Municipality Tables and Illustrations 164

MARRIAGE AND DIVORCE STATISTICS

Highlights 183
List of Data Tables and Illustrations 184
Marriage Tables and Illustrations 185
Divorce Tables and Illustration 191
County Marriage and Divorce Table 193

TECHNICAL NOTES

A. Sources of Data 197
B. Data Quality 197
C. Geography 198
D. Definitions of Terms 199
E. Rates 200
F. Selected Causes of Death 202
G. Multiple Causes of Death 203

Appendix A - Vital Records Registration in Pennsylvania 204
Appendix B - Additional Statistics Available 205
Certificates of Live Birth, Death, and Fetal Death 207
Pennsylvania County Outline Map 210

POPULATION STATISTICS

1987 POPULATION STATISTICS

Highlights

THE STATE

The 1987 estimates indicate that Pennsylvania's resident population was 11,936,396 -- an increase of 72,501 persons or 0.6 percent from the 1980 U.S. Bureau of the Census enumerated figure of 11,863,895. Pennsylvania's population has increased by almost 1.5 million from the 1950 census enumerated figure of 10,498,012. However, over half of that increase occurred between 1950 and 1960. From 1960 to 1970, the state's population increased by just under 500,000, but, from 1970 to 1980, there was only an increase of approximately 70,000 persons. Pennsylvania's total population has remained relatively stable since 1970. However, since 1950, the percent of the state population under 15 years of age has decreased from 25.0 percent to 19.8 percent while the percentage of the population 65 years of age and older has increased from 8.4 percent to 14.4 percent. The median age of the state's residents in 1950 was 31.3. By 1980, it had increased only slightly to 32.1; however, by 1987, the median age had reached 33.9.

Races other than white made up 10.3 percent of the total population in 1987. Whites under 15 years of age accounted for over a third (33.7 percent) of the 1987 white population in the state compared to just over a quarter (26.7 percent) for other races. Also, 9.4 percent of the non-white population was 65 or older in 1987. Among whites, 15.0 percent were 65 or older. These figures reflect the fact that the median age among whites in 1987 was 34.5 compared to 28.7 among those of all other races.

Both the total female and male estimated populations remained stable between 1980 and 1987, with a slight increase in the number of males (0.5 percent) and females (0.7 percent). The median ages among males and females in 1987 were 32.2 and 35.5, respectively. Population declines were concentrated in the age groups 5-24 (11.6 percent) and 50-59 (16.5 percent). The largest population increases occurred within the age groups of 30-44 (21.3 percent since 1980).

The profile of Pennsylvania's estimated 1987 population by age and sex visibly demonstrates the effects of several major factors -- the low birth rates that have prevailed for the last ten years, the baby boom which followed World War II and lasted into the mid-1960's, the low birth rates of the 1930's, and the large mortality differential between males and females in the later years of life.

COUNTIES

Of the 67 counties, 35 were estimated to experience population gains and 32 had losses from 1980 to 1987, as compared to 57 and 10, respectively, between 1970 and 1980. Over 53 percent of the population losses occurred in two counties -- Allegheny and Philadelphia. However, the percentage decrease in population was 2.6 for Philadelphia County compared to 6.1 for Allegheny County. Four other counties (Beaver, Cambria, Luzerne, and Westmoreland) accounted for another 20.2 percent of the losses. Counties with a growth rate of 6.0 or more included Pike (33.0), Monroe (26.2), Perry (12.0), Wayne (11.5), Lancaster (11.4), Bucks (11.0), Fulton (10.6), Chester (9.5), Cumberland (7.6), Susquehanna (6.7), Snyder (6.3), and Northampton (6.1)

The northeastern, southeastern and southcentral regions of the state have accounted for almost all of the population gains between 1980 and 1987. Only two counties in the western part of the state had percentage increases in population between 1980 and 1987 -- Butler (3.0 percent) and Armstrong (1.7 percent). The total population of a third western county, Indiana, remained virtually the same over the period.

CITIES AND BOROUGHS

Of the 27 municipalities listed in this report, only five showed a percentage increase in population between 1980 and 1987 and the gains were modest -- Lancaster (6.2 percent), Easton (3.8 percent), Lebanon (3.6 percent), and Allentown and Bethlehem (0.9 percent each). The total population of York City experienced no percentage change during the period. Estimated population losses of 7.0 percent and above occurred in ten municipalities -- Sharon (17.5 percent), McKeesport (14.7 percent), Johnstown (12.3 percent), New Castle (10.7 percent), Pittsburgh (10.1 percent), Hazleton (8.3 percent), Altoona (8.2 percent), Wilkes-Barre (7.8 percent), Scranton (7.7 percent), and West Mifflin (7.5 percent).

NOTES: Since Philadelphia is a city/county, figures for that municipality appear in both the county and municipality tables for the user's convenience. See the ***Technical Notes*** section in the back of this report for complete qualifications regarding the population figures shown in this section.

LIST OF DATA TABLES AND ILLUSTRATIONS

POPULATION DATA TABLES **PAGE**

TABLE A-1 POPULATION IN PENNSYLVANIA, 1950-1987 8

TABLE A-2 POPULATION BY AGE AND RACE: PENNSYLVANIA, 1987 9

TABLE A-3 POPULATION BY AGE AND SEX: PENNSYLVANIA, 1980 AND 1987 10

TABLE A-4 POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1987 12

TABLE A-5 POPULATION FOR SELECTED MUNICIPALITIES: PENNSYLVANIA, 1980 AND 1987 14

POPULATION DATA ILLUSTRATIONS **PAGE**

FIGURE A-1 POPULATION, PERCENT BY AGE GROUP, PENNSYLVANIA, 1950, 1960, 1970, 1980, AND 1987 8

FIGURE A-2 POPULATION BY AGE AND SEX, PENNSYLVANIA, 1987 11

FIGURE A-3 STATE MAP: PERCENT POPULATION CHANGE BY COUNTY, PENNSYLVANIA, 1980 TO 1987 13

TABLE A-1
POPULATION* IN PENNSYLVANIA, 1950-1987

YEAR	POPULATION	YEAR	POPULATION	YEAR	POPULATION
1987	11,936,396	1974	11,835,400	1961	11,468,000
1986	11,889,165	1973	11,902,000	1960	11,319,366
1985	11,863,672	1972	11,926,000	1959	11,323,000
1984	11,900,701	1971	11,879,000	1958	11,101,000
1983	11,894,700	1970	11,793,909	1957	11,166,000
1982	11,885,330	1969	11,803,000	1956	11,132,000
1981	11,870,960	1968	11,755,400	1955	11,132,000
1980	11,863,895	1967	11,646,000	1954	10,895,800
1979	11,730,500	1966	11,637,900	1953	10,829,100
1978	11,749,900	1965	11,535,200	1952	10,733,700
1977	11,785,200	1964	11,459,000	1951	10,594,900
1976	11,862,000	1963	11,424,000	1950	10,498,012
1975	11,828,200	1962	11,376,000		

*1950, 1960, 1970 AND 1980 POPULATIONS AS ENUMERATED BY THE U.S. BUREAU OF THE CENSUS. 1981 THROUGH 1987 ESTIMATED POPULATIONS AS PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG. ESTIMATED POPULATIONS FOR ALL OTHER YEARS AS PREPARED BY THE PENNSYLVANIA OFFICE OF STATE PLANNING AND DEVELOPMENT.

FIGURE A-1
POPULATION, PERCENT BY AGE GROUP
PENNSYLVANIA, 1950, 1960, 1970, 1980, AND 1987

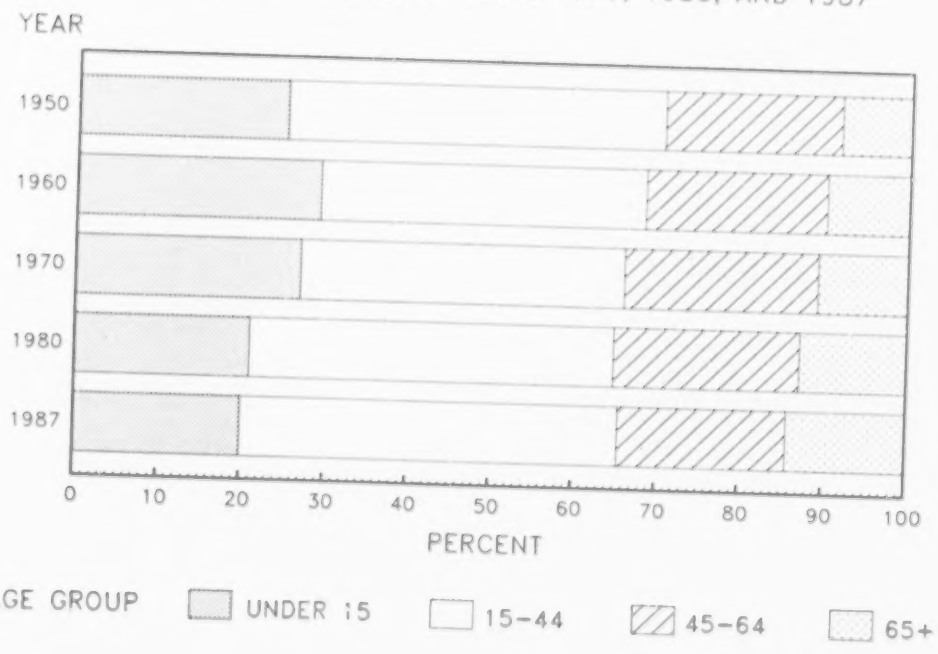


TABLE A-2
POPULATION BY AGE AND RACE: PENNSYLVANIA, 1987

AGE GROUP (IN YEARS)	ALL RACES	WHITE	RACES OTHER THAN WHITE
ALL AGES	11,936,396	10,712,847	1,223,549
UNDER 1 YEAR	161,934	136,269	25,665
1-4	643,941	558,795	85,146
5-9	776,171	678,078	98,093
10-14	785,363	688,856	96,507
15-19	904,614	797,860	106,754
20-24	961,736	846,021	115,715
25-29	991,324	876,943	114,381
30-34	965,001	864,346	100,655
35-39	869,396	783,694	85,702
40-44	740,058	669,182	70,876
45-49	617,271	558,858	58,413
50-54	570,442	518,218	52,224
55-59	604,917	554,055	50,862
60-64	621,944	574,387	47,557
65-69	539,607	502,398	37,209
70-74	436,250	407,827	28,423
75 AND OVER	746,427	697,060	49,367

SOURCE: 1987 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

TABLE A-3
POPULATION BY AGE AND SEX: PENNSYLVANIA, 1980 AND 1987

AGE GROUP (IN YEARS)	BOTH SEXES		MALE		FEMALE	
	1987 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1987 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1987 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL AGES	11,936,396	11,863,895	5,713,051	5,682,590	6,223,345	6,181,305
UNDER 1 YEAR	161,934	158,327	82,729	80,893	79,205	77,434
1-4	643,941	589,131	330,318	301,378	313,623	287,753
5-9	776,171	805,151	397,295	412,460	378,876	392,691
10-14	785,363	931,891	401,872	476,210	383,491	455,681
15-19	904,614	1,080,610	458,351	545,210	446,263	535,400
20-24	961,736	1,059,815	485,411	522,900	476,325	536,915
25-29	991,324	945,051	492,387	468,512	498,937	476,539
30-34	965,001	847,847	475,345	416,215	489,656	431,632
35-39	869,396	682,283	425,835	330,811	443,561	351,472
40-44	740,058	591,789	359,423	284,324	380,635	307,465
45-49	617,271	600,257	295,599	286,858	321,672	313,399
50-54	570,442	695,755	269,652	329,850	300,590	365,905
55-59	604,917	712,074	281,876	332,033	323,041	380,041
60-64	621,944	632,981	282,756	289,152	339,188	343,829
65-69	539,607	537,045	233,354	235,802	306,253	301,243
70-74	436,250	407,020	177,587	166,668	258,663	240,352
75 AND OVER	746,427	586,868	263,061	203,314	483,366	383,554

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1987 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

FIGURE A-2
POPULATION BY AGE AND SEX
PENNSYLVANIA, 1987

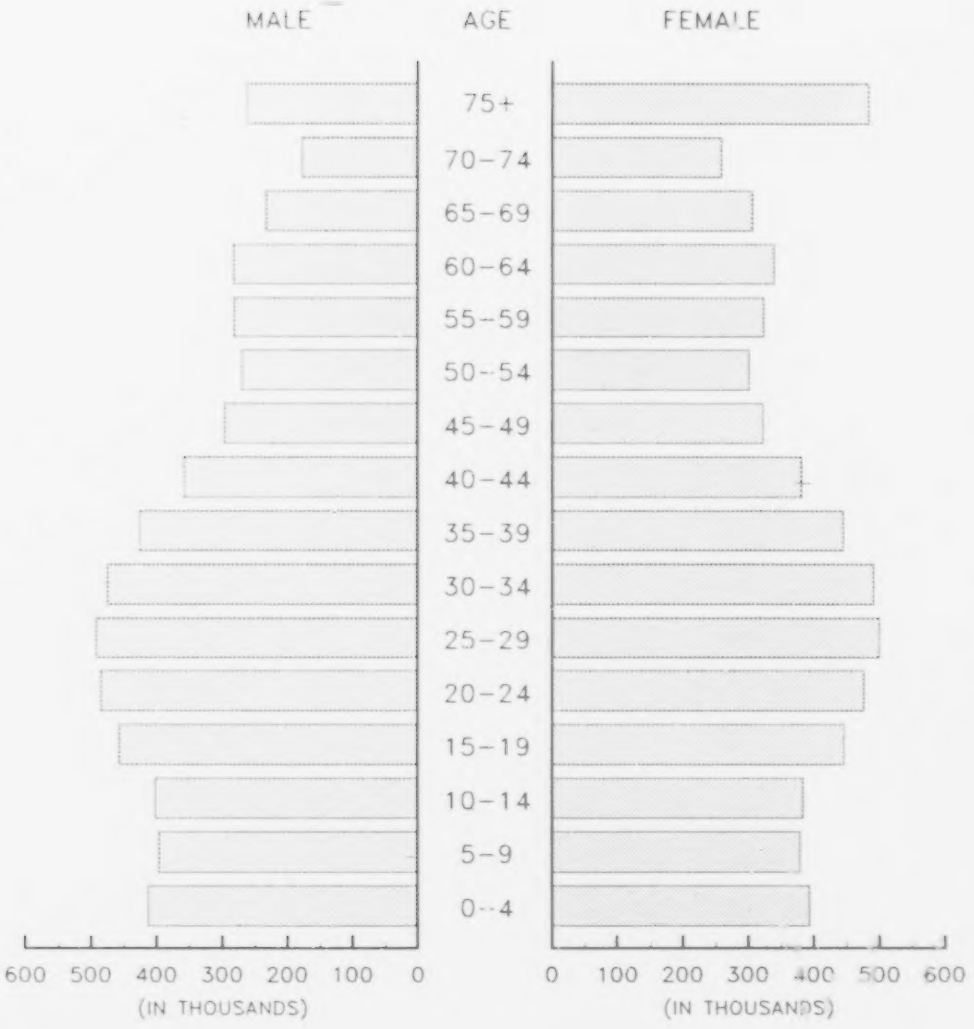


TABLE A-4
POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1987

COUNTY	1987 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1987	COUNTY	1987 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1987
ALL COUNTIES	11,936,396	11,863,895	0.6				
ADAMS	72,204	68,292	5.7	JUNIATA	20,099	19,188	4.7
ALLEGHENY	1,362,198	1,450,085	-6.1	LACKAWANNA	222,700	227,908	-2.3
ARMSTRONG	79,102	77,768	1.7	LANCASTER	403,699	362,346	11.4
BEAVER	191,004	204,441	-6.6	LAWRENCE	100,801	107,150	-5.9
BEDFORD	47,901	46,784	2.4	LEBANON	113,093	108,582	4.2
BERKS	324,302	312,509	3.8	LEHIGH	284,498	272,349	4.5
BLAIR	131,900	136,621	-3.5	LUZERNE	331,803	343,079	-3.3
BRADFORD	64,300	62,919	2.2	LYCOMING	117,101	118,416	-1.1
BUCKS	532,000	479,211	11.0	MCKEAN	46,600	50,635	-8.0
BUTLER	152,402	147,912	3.0	MERCER	123,499	128,299	-3.7
CAMBRIA	171,400	183,263	-6.5	MIFFLIN	46,503	46,908	-0.9
CAMERON	6,410	6,674	-4.0	MONROE	87,597	69,409	26.2
CARBON	55,197	53,285	3.6	MONTGOMERY	679,997	643,621	5.7
CENTRE	114,600	112,760	1.6	MONTOUR	16,701	16,675	0.2
CHESTER	346,800	316,660	9.5	NORTHAMPTON	239,099	225,418	6.1
CLARION	41,799	43,362	-3.6	NORTHUMBERLAND	98,309	100,381	-2.1
CLEARFIELD	81,801	83,578	-2.1	PERRY	40,002	35,718	12.0
CLINTON	37,899	38,971	-2.8	PHILADELPHIA	1,644,792	1,698,210	-2.6
COLUMBIA	60,798	61,967	-1.9	PIKE	24,303	18,271	33.0
CRAWFORD	86,299	88,869	-2.9	POTTER	17,896	17,726	1.0
CUMBERLAND	192,098	178,541	7.6	SCHUYLKILL	155,101	160,630	-3.4
DAUPHIN	238,602	232,317	2.7	SNYDER	35,702	33,584	6.3
DELAWARE	565,499	555,007	1.9	SOMERSET	80,800	81,243	-0.5
ELK	37,302	38,338	-2.7	SULLIVAN	6,395	6,349	0.7
ERIE	278,702	279,780	-0.4	SUSQUEHANNA	40,398	37,876	6.7
FAYETTE	153,093	159,417	-4.0	TIOGA	40,696	40,973	-0.7
FOREST	4,700	5,072	-7.3	UNION	34,698	32,870	5.6
FRANKLIN	119,501	113,629	5.2	VENANGO	62,204	64,444	-3.5
FULTON	14,200	12,842	10.6	WARREN	45,300	47,449	-4.5
GREENE	40,204	40,476	-0.7	WASHINGTON	210,597	217,074	-3.0
HUNTINGDON	42,797	42,253	1.3	WAYNE	39,299	35,237	11.5
INDIANA	92,296	92,281	0.0	WESTMORELAND	79,402	392,294	-3.3
JEFFERSON	48,008	48,303	-0.6	WYOMING	27,995	26,433	5.9
				YORK	331,399	312,963	5.9

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1987 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

FIGURE A–3
PERCENT POPULATION CHANGE BY COUNTY
PENNSYLVANIA, 1980 TO 1987

RATE
MORE THAN –3.0
–0.1 TO –3.0
0.0 TO 2.9
3.0 TO 5.9
6.0 AND OVER

NOTE: STATE PERCENT IS 0.6.

TABLE A-5
POPULATION FOR SELECTED MUNICIPALITIES: PENNSYLVANIA, 1980 AND 1987

MUNICIPALITY	1987 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	PERCENT CHANGE 1980-1987
ALLENTOWN	104,700	103,758	0.9
ALTOONA	52,420	57,078	-8.2
BETHEL PARK	33,950	34,755	-2.3
BETHLEHEM	71,020	70,419	0.9
CHESTER	43,440	45,794	-5.1
EASTON	27,020	26,027	3.8
ERIE	114,230	119,123	-4.1
HARRISBURG	51,350	53,264	-3.6
HAZLETON	25,060	27,318	-8.3
JOHNSTOWN	31,130	35,496	-12.3
LANCASTER	58,100	54,725	6.2
LEBANON	26,640	25,711	3.6
MCKEESPORT	26,460	31,012	-14.7
MONROEVILLE	29,430	30,977	-5.0
NEW CASTLE	30,030	33,621	-10.7
NORRISTOWN	33,540	34,684	-3.3
PHILADELPHIA	1,644,790	1,688,210	-2.6
PITTSBURGH	381,100	423,938	-10.1
PLUM	25,200	25,330	-0.7
READING	77,550	78,686	-1.4
SCRANTON	81,290	88,117	-7.7
SHARON	15,720	19,057	-17.5
STATE COLLEGE	33,900	36,130	-6.2
WEST MIFFLIN	24,320	26,279	-7.5
WILKES-BARRE	47,550	51,551	-7.8
WILLIAMSPORT	31,640	33,401	-5.3
YORK	44,600	44,619	0.0

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1987 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER OF THE PENNSYLVANIA STATE UNIVERSITY AT HARRISBURG.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

NATALITY STATISTICS

1987 NATALITY STATISTICS

Highlights

THE STATE

TOTAL BIRTHS: There were 162,348 resident live births reported in 1987, an increase of 2,012 or 1.3 percent from 1986. This is the highest annual number of resident live births since 1972 and the largest annual increase since 1979. The 1987 live birth rate per 1,000 population was 13.6, the same as in 1982. An annual birth rate higher than 13.6 has not occurred in the state since 1972.

FERTILITY RATES: The 1987 general fertility rate of 59.4 live births per 1,000 females 15-44 years of age was slightly higher than the 1986 rate of 58.9. Over the past thirty years, the general fertility rate has declined by more than 40 percent.

The 1987 total fertility rate (TFR) was 1693.5. This rate estimates the number of children a cohort of 1,000 females would bear if they all went through their child-bearing years exposed to age-specific birth rates in effect during that particular year. A TFR of 2000.0 indicates that, on the average, couples have produced at least two children to replace themselves. (See the *Definitions of Rates* section of the ***Technical Notes*** in the back of this report for more discussion of total fertility rates.) Pennsylvania's TFR has been under 2000.0 since 1972. However, it has remained relatively stable since then, although still below replacement level.

In comparing Pennsylvania birth and fertility rates with the United States rates back to 1950, Pennsylvania's rates have been consistently lower, even during the "babyboom" years of 1950-64.

AGE OF MOTHER: Just over one third (33.7 percent) of all live births in 1987 occurred to mothers aged 25-29. The median age of a resident woman giving birth in 1987 in Pennsylvania was 26.9 compared to 24.7 in 1970. The number of live births to mothers under 25 years of age has declined by 19.7 percent since 1980 and 40.5 percent since 1970. Total annual numbers of births to mothers 25-29 years of age have remained relatively constant since 1970. However, the number of births among mothers aged 30 and older has increased by 48.3 percent from 1980 and 27.4 percent from 1970. The age-specific birth rates have declined since 1970 for all age groups except for those under 15 years of age. However, the increase for that age group has been very small, from a rate of 0.8 in 1970 to 1.0 in 1987. The total birth rate per 1,000 females 10-49 years of age has decreased by 17.3 percent since 1970, from 57.1 to 47.2 in 1987.

SEX AND RACE OF CHILD: In 1987, 51.2 percent of the live births were male and 48.8 percent were female. In 1987, births of races other than white accounted for 16.7 percent of all births, compared to 13.7 in 1980. In over 54 percent of the births of races other than white in 1987, the mother was under 25 years of age compared to the 33.5 percent for white infants. This reflects the fact that the median age among mothers of white infants was 27.4 while the median age of mothers who gave birth to infants of races other than white was 24.4 in 1987.

The 1987 birth rate per 1,000 females aged 10-49 years by race of child was 55.6 percent higher for non-whites than for whites. The largest difference in birth rates between the races occurred among teenage mothers with rates for races other than white much higher than those for white infants.

PRENATAL CARE: (NOTE: The percentages cited in the paragraphs below were computed by excluding those births for whom the mother's trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Of the births for which the mother's trimester of first prenatal visit was known in 1987, 78.8 percent received care during the first trimester of pregnancy. One and a half percent or 2,293 births had mothers who had no prenatal care during their pregnancy. Among the births with teenage mothers, only 51.5 percent had received prenatal care in the first trimester, compared to 85.9 percent of the births to mothers 20 years of age and older. Births to mothers aged 30-34 had the highest percentage among all the maternal age groups for prenatal care received by the mother in the first three months of pregnancy (87.8 percent). Although only 10.9 percent of all resident live births were to teenage mothers, they accounted for 22.2 percent of the births to mothers who had no prenatal care. The mother's trimester of first prenatal visit was unknown in 4,578 (2.8 percent) of all resident live births in 1987.

The percentage of unknown entry by the mother into prenatal care by race was 2.0 percent among white births but, among births of races other than white, the percentage of unknowns was 7.1 percent - over two and a half times higher than the figure for white births. Among the births for whom the mother's trimester of entry into care was known, 83.1 percent of white infants had mothers who had obtained prenatal care in the first three months of pregnancy compared to only 55.9 percent of the infants of races other than white - a difference of 32.7 percent. Only 16.7 percent of all live births were of races other than white in 1987, yet non-white births were responsible for 59.7 percent of the births for which mothers had no prenatal care during their pregnancy.

BIRTH WEIGHT: In 1987, 7.0 percent of the resident live births were classified as low birth weight (under 2500 grams or 5 pounds 9 ounces). This is the state's highest annual percentage of low birth weight infants since 1976 when the percentage was 7.3. In 1986, the percentage was 6.7; in 1980, it had been 6.5. Infants of younger mothers, especially teenagers (9.8 percent) and mothers 20-24 years of age (7.6 percent), were much more likely to be low birth weight than infants born to mothers aged 25 and older (6.2 percent). Similarly, 13.4 percent of non-white births were under 2500 grams compared to only 5.6 percent of white births. Female infants were slightly more likely than males to be low birth weight (7.6 percent for females, 6.4 percent for males).

PREVIOUS PREGNANCIES AND BIRTH ORDER: One third (33.4 percent) of the births in 1987 were the result of the mother's first pregnancy. The corresponding figure in 1986 was 33.7 percent, and, in 1980, it was 37.4 percent.

In 1987, 41.3 percent of the live births were first born children, compared to 37.0 percent in 1970. Just over 9 percent in 1987 were birth order four or above, compared to 1970, when over 20 percent were fourth births or higher. Among births to mothers 30 years of age and older, 24.4 percent were first-borns. In 1980, the percentage of first-borns for this maternal age group was 19.2; in 1975, it was 13.0, a difference of 87.7 percent from 1987.

MARITAL STATUS OF MOTHER: Over 25 percent of the births in 1987 were to unmarried mothers, compared to 1980, when 17.7 percent were to unmarried mothers, and 1970, when the figure was only 9.8. The percentage varied considerably among age groups in 1987. Among the births to teenagers (under 20 years of age), 73.6 percent were to unmarried mothers, compared to 19.4 percent among births to mothers 20 years of age and older. In 1970, the percentage of births to teenage mothers who were unmarried was 31.7 and, by 1980, 51.2 percent. Births to all maternal age groups have recorded increases in the percentages of unmarried mothers.

EDUCATION OF MOTHER: During 1987, 16.6 percent of the live births were to mothers who had less than a twelfth grade education, compared to 18.9 percent in 1980. Over 17 percent had 16 or more years of education which is an increase of over 27 percent since 1980 when 14.1 percent was recorded.

ATTENDANT AT BIRTH: The attendant at birth was most often a physician - in 97.0 percent of the births. Only 2.7 percent of live births were attended by a midwife which is an increase of 292 births from the 1986 figure. The number of midwife-attended births rose steadily between 1980 and 1984. However, in 1985 and again in 1986, there were slight declines in the number of midwife-attended births. Nearly 99 percent of the resident live births in 1987 were hospital deliveries.

MEDICAL CONDITIONS: Complications of pregnancy were reported for 25.7 percent of the live births in 1987, compared to 15.7 in 1980. For births to teenage mothers and mothers 35 years of age and older, the percentages tended to be higher than for births to mothers 20-34 years of age. Complications of labor or delivery were reported in 19.3 percent of the live births with an age distribution similar to complications of pregnancy.

METHOD OF DELIVERY: Spontaneous vaginal deliveries accounted for nearly two-thirds of all resident live births in 1987. The proportion of deliveries involving forceps dropped to 6.6 percent, a 58.0 percent decrease from the 1980 figure of 15.7. The proportion of caesarean sections has increased steadily and dramatically over the years to 23.3 percent in 1987, a rise of almost 50 percent from the 15.6 percent recorded in 1980. In 1970, only 5.6 percent of the births were delivered as caesarean sections, and, in 1975, 9.9 percent. The percentage incidence of caesarean section delivery also rises consistently with increasing maternal age. For example, births delivered by teenage mothers in 1987 had a caesarean section rate of 17.8 compared to 33.1 for mothers aged 40 and over.

APGAR SCORE: The percentage of white births with Apgar scores of 0-3 at one minute was 1.6, compared to 3.9 for births of all other races. At five minutes, 96.9 percent of white births and 94.3 percent of all other births had an Apgar score of 8, 9 or 10. Differences between males and females were slight, with males

tending to have somewhat lower scores than females. For example, 5.1 percent of the males had Apgar scores of 0-5 at one minute, compared to 4.5 of the females.

GIVEN NAMES: Ashley was the most popular first name given to females born in Pennsylvania during 1987, as it was in 1986 and 1985. Amanda, Jessica, Jennifer, Nicole, and Sarah have continued to be popular since 1980. Among white females born in 1987, Amanda was the most often given name, followed by Ashley. However, Ashley was the most popular given name in 1987 among newborn females of races other than white. The only other top ten names given to non-white females that also appeared in the top ten list for white females were Jessica and Jennifer. Tiffany, Brittany, and Jasmine were other high ranking favorite names given to females of races other than white.

Among the male infants, Michael continued to be the most popular given name, as it has been since 1970. Michael was also the top name given to male newborns of both white and all other races in 1987. Christopher placed third in both lists and David appeared seventh among white males and fifth among non-whites. After that, the similarities between the male lists disappear.

COUNTIES

TOTAL BIRTHS: Seven counties (Allegheny, Bucks, Chester, Delaware, Lancaster, Montgomery, and Philadelphia) had 5,000 or more births each and together accounted for over half (51.1 percent) of all the resident births recorded for the state in 1987. Philadelphia County had the highest crude birth rate among the counties with 17.3 live births per 1,000 population. Lancaster with 16.0 and Chester with 15.6 were the next highest counties. The five-year (1983-87) summary crude birth rates show Philadelphia County again with the highest rate, 16.2. Lancaster and Potter Counties followed at 15.6 and 15.0, respectively. Southwestern and northeastern counties tended to have five-year summary birth rates lower than the state rate.

BIRTHS BY RACE: Five counties accounted for almost 83 percent of the births to races other than white - Allegheny, Dauphin, Delaware, Montgomery, and Philadelphia. There were no births to races other than white in one rural county (Wayne), and 25 other counties had less than ten live births of races other than white. Philadelphia, since 1981, has been the only county with more than 50 percent other than white births. Five-year summary (1983-87) figures by race indicate that all counties had resident live births of races other than white.

AGE OF MOTHER: Philadelphia County, which had 17.6 percent of all the live births in the state, also accounted for 27.6 percent of all the births to teenage mothers in the state during 1987. In contrast, Allegheny County, the county with the second highest number and percentage (10.9) of births for the state, had only 8.7 percent of all the births to teenagers in the state. Montgomery County had the lowest percentage of births to teenage mothers (5.0). The next lowest counties were Pike (5.6 percent), Bucks and Chester (5.9 percent each), and Monroe (6.3 percent).

BIRTH WEIGHT: Philadelphia County had the highest percentage of low birth weight infants (under 2500 grams or 5 pounds 9 ounces) at 10.9 percent and these births accounted for 27.7 percent of all the low birth weight infants born to Pennsylvania residents in 1987. Philadelphia County also had the highest percentage of very low birth weight infants (under 1500 grams or 3 pounds 5 ounces) with 2.5 percent.

Five-year summary (1983-87) low and very low birth weight percentages followed patterns similar to the 1987 figures. Philadelphia had, by far, the highest percentages of both low (10.6) and very low (2.2) birth weights during that time. Allegheny and Clearfield Counties at 7.1 each shared the next highest percentage of low birth weight. Forest County had the highest percentage of very low birth weight at 1.6 during 1983-87, followed by Allegheny County at 1.5 and Dauphin and Wyoming Counties at 1.4 each.

EDUCATION OF MOTHER: Lancaster County had the highest percentage of births to mothers with an eighth grade education or less (15.3). Mifflin County had 14.1, Snyder County, 15.1, Union County, 10.4, and Crawford County, 9.9 percent. The state percentage was 2.7. Montgomery, Chester, and Centre Counties led in highest percentages of births with mothers who had 16 or more years of education - 36.6, 32.5, and 32.1, respectively, compared to 18.0 percent for the state.

MARITAL STATUS OF MOTHER: Over 53 percent of the births recorded for Philadelphia residents were to unmarried mothers. Dauphin County was the only other county with both a large number (1,106) and percentage (32.2) of births to unmarried mothers. The lowest percentages of births to unmarried mothers occurred in Centre (12.0), Indiana (12.2), Union (12.3), and Snyder (12.5) Counties.

PRENATAL CARE: (NOTE: The percentages cited in the paragraph below were computed by excluding those births for whom the mother's trimester of entry into prenatal care was unknown. Therefore, the following

figures will not match those displayed in the corresponding data table.)

Philadelphia County had the lowest percentage of births for which mothers had received prenatal care in the first trimester or three months of pregnancy - 62.4. Next lowest was Lycoming County with 64.0 percent. Only one county had a percentage of births to mothers who had received prenatal care in the first trimester above 90 percent - Elk (90.6). Eight other counties had percentages of 85.0 or higher - Montgomery (86.4), Bucks and Northampton (86.2 each), Lehigh (85.8), Allegheny (85.6), Jefferson (85.5), Venango (85.1), and Delaware (85.0). Philadelphia also had, by far, the highest percentage of births for which mothers had no prenatal care - 4.9 percent.

ATTENDANT AT BIRTH: Lancaster County, which had only 4.0 percent of Pennsylvania's total live births in 1987, accounted for over 28 percent of all live births in the state delivered outside of a hospital. Three counties had rather high percentages of deliveries by a midwife - Clinton (30.0), Huntingdon (25.5), and Mifflin (24.8).

CITIES AND BOROUGHS

TOTAL BIRTHS: The 27 municipalities listed in this section accounted for almost one third of all the resident live births in the state during 1987. Chester had the highest resident birth rate with 23.7 per 1,000 population. Norristown was a close second at 23.4. Harrisburg was third at 22.8. State College had, by far, the lowest birth rate - 5.6, almost half the rate of the next lowest municipality, West Mifflin, with 10.6 Two-thirds (18 out of 27) of the municipalities had resident live birth rates higher than the state rate of 13.6 in 1987.

BIRTHS BY RACE: In three municipalities more than half of the total births were non-white. In Chester, births of races other than white accounted for 72.4 percent of all births compared to 74.6 percent in 1986. In Harrisburg, 62.6 percent of all births were of races other than white. Philadelphia residents of races other than white accounted for 54.3 percent of the births for that city during 1987.

AGE OF MOTHER: Five municipalities had percentages of resident births to teenage mothers of over 20 percent -- Harrisburg (23.5), York (23.1), Lancaster (22.3), Chester (21.9), and Johnstown (20.7). Reading with 19.9 percent was sixth highest. The percentage of births to teenage mothers in 1987 for the state was 10.9.

BIRTH WEIGHT: Five municipalities had percentages of low birth weight infants (under 2500 grams or 5 pounds 9 ounces) at or above 10 percent - Chester (11.6), York (11.3), Harrisburg (11.1), Philadelphia (10.1), and Sharon (10.0). Pittsburgh followed closely with 9.9 percent. In comparison, the state figure was 7.0 percent. Harrisburg had the highest percentage of very low birth weight infants (under 1500 grams or 3 pounds 5 ounces) at 3.1 percent. In all other areas of the state outside of the 27 municipalities, only 5.6 percent of the live births were low birth weight and 1.0 percent very low birth weight.

EDUCATION AND MARITAL STATUS OF MOTHER: Reading and Lancaster at 7.6 and 6.9, respectively, had the highest percentages of births to mothers with an eighth grade education or less. State College had, by far, the highest percentage of births to mothers with a college education - 60.8. Next highest was Bethel Park at 40.3 percent.

Chester had the highest percentage of births to unmarried mothers - 64.5, followed by Harrisburg (61.4 percent), Philadelphia (53.4 percent), York (52.6 percent), and Lancaster (49.8 percent). In Bethel Park, Plum, and State College Boroughs, over 90 percent of the resident births were to mothers married at time of birth. Monroeville was close with 89.5 percent. In all other areas of the state outside of the 27 municipalities, 15.2 percent of the births occurred to unmarried mothers compared to 25.3 percent for the entire state.

PRENATAL CARE: (NOTE: The percentages cited in the paragraph below were computed by excluding those births for whom the mother's trimester of entry into prenatal care was unknown. Therefore, the following figures will not match those displayed in the corresponding data table.)

Harrisburg and Chester had the lowest percentages of births for which the mothers obtained prenatal care in the first trimester of pregnancy - 55.6 and 56.1, respectively. Percentages of four other municipalities fell below 70 percent - Philadelphia (58.8 percent), Williamsport (60.6 percent), Reading (66.2 percent), and McKeesport (68.3 percent). Bethel Park Borough had the highest percentage of births for which mothers received care in the first three months of pregnancy with 95.8 percent. Next highest was West Mifflin with 91.3 percent. In all other areas of the state outside of the 27 municipalities, 83.1 percent received care in the first trimester, and, for the entire state, 78.8 percent.

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES **PAGE**

TABLE B-1 RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1987 25

TABLE B-2 LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 26

TABLE B-3 RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE: PENNSYLVANIA, 1987, 1985, 1980, 1975, 1970 28

TABLE B-4A RESIDENT LIVE BIRTHS BY AGE OF MOTHER, SEX AND RACE OF CHILD, PENNSYLVANIA, 1987 29

TABLE B-4B RESIDENT LIVE BIRTH RATE BY AGE OF MOTHER AND RACE OF CHILD, PENNSYLVANIA, 1987 29

TABLE B-5A RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF FIRST PRENATAL VISIT, NUMBER AND PERCENT: PENNSYLVANIA, 1987 30

TABLE B-5B RESIDENT LIVE BIRTHS BY RACE OF CHILD AND TRIMESTER OF FIRST PRENATAL VISIT, NUMBER AND PERCENT: PENNSYLVANIA, 1987 30

TABLE B-6 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF CHILD, NUMBER AND PERCENT: PENNSYLVANIA, 1987 31

TABLE B-7 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT, NUMBER AND PERCENT: PENNSYLVANIA, 1987 31

TABLE B-8 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES, NUMBER AND PERCENT: PENNSYLVANIA, 1987 32

TABLE B-9 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS, NUMBER AND PERCENT: PENNSYLVANIA, 1987 32

TABLE B-10 RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER, NUMBER AND PERCENT: PENNSYLVANIA, 1987 33

TABLE B-11 RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER, NUMBER AND PERCENT: PENNSYLVANIA, 1987 33

TABLE B-12 RESIDENT LIVE BIRTHS BY AGE OF MOTHER, PLACE OF DELIVERY AND ATTENDANT AT BIRTH, PENNSYLVANIA, 1987 34

TABLE B-13 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION, NUMBER AND PERCENT: PENNSYLVANIA, 1987 34

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) **PAGE**

TABLE B-14A RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, NUMBER: PENNSYLVANIA, 1987 35

TABLE B-14B RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY, PERCENT: PENNSYLVANIA, 1987 35

TABLE B-15A RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1987 36

TABLE B-15B RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1987 36

TABLE B-16 NAMES MOST FREQUENTLY GIVEN TO LIVE BIRTHS OCCURRING IN PENNSYLVANIA BY SEX, 1987 AND 1960, BY SEX AND RACE, 1987 37

TABLE B-17 RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY, TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES: PENNSYLVANIA, 1987 38

TABLE B-18 RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY, NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 40

TABLE B-19 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY, PENNSYLVANIA, 1987 44

TABLE B-20 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1987 46

TABLE B-21 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 48

TABLE B-22 RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1987 52

TABLE B-23 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1987 54

TABLE B-24 RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND COUNTY, NUMBER AND PERCENT: PENNSYLVANIA, 1987 56

TABLE B-25 RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY, ATTENDANT AT BIRTH AND COUNTY, PENNSYLVANIA, 1987 58

TABLE B-26 RESIDENT LIVE BIRTHS BY SEX, RACE AND SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1987 60

TABLE B-27 RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITIES, PENNSYLVANIA, 1987 62

LIST OF DATA TABLES AND ILLUSTRATIONS

NATALITY DATA TABLES (CONTINUED) **PAGE**

TABLE B-28 RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1987 63

TABLE B-29 RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1987 64

TABLE B-30 RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1987 65

TABLE B-31 RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1987 66

NATALITY DATA ILLUSTRATIONS **PAGE**

FIGURE B-1 LIVE BIRTH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 27

FIGURE B-2 GENERAL FERTILITY RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 27

FIGURE B-3 RESIDENT BIRTH RATES BY AGE OF MOTHER, PENNSYLVANIA, 1987 28

FIGURE B-4 STATE MAP: RESIDENT BIRTH RATES BY COUNTY, PENNSYLVANIA, 1987 42

FIGURE B-5 STATE MAP: RESIDENT BIRTH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 42

FIGURE B-6 STATE MAP: GENERAL FERTILITY RATES BY COUNTY, PENNSYLVANIA, 1987 43

FIGURE B-7 RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 50

FIGURE B-8 RESIDENT LIVE BIRTH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1987 61

TABLE B-1
RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1987

YEAR	NUMBER	YEAR	NUMBER	YEAR	NUMBER
1987	162,348	1962	226,393	1937	161,133
1986	160,336	1961	240,172	1936	159,393
1985	160,001	1960	241,099	1935	161,166
1984	156,799	1959	246,615	1934	160,238
1983	157,810	1958	249,810	1933	157,046
1982	161,561	1957	254,997	1932	168,534
1981	160,179	1956	248,019	1931	178,714
1980	158,670	1955	242,591	1930	189,458
1979	157,533	1954	245,521	1929	189,524
1978	151,438	1953	239,206	1928	200,769
1977	153,415	1952	239,964	1927	210,001
1976	148,004	1951	235,074	1926	207,696
1975	148,942	1950	221,635	1925	215,120
1974	151,458	1949	224,581	1924	223,103
1973	153,272	1948	227,227	1923	217,235
1972	163,110	1947	248,513	1922	214,348
1971	180,939	1946	218,376	1921	229,452
1970	192,154	1945	173,799	1920	220,462
1969	185,046	1944	178,370	1919	207,685
1968	185,729	1943	199,366	1918	220,170
1967	188,706	1942	197,177	1917	222,505
1966	195,869	1941	174,193	1916	217,449
1965	204,105	1940	165,456	1915	217,979
1964	218,515	1939	160,774		
1963	221,537	1938	165,708		

NOTE: DATA PRIOR TO 1937 ARE BY PLACE OF OCCURRENCE. ALL OTHER DATA ARE BY PLACE OF RESIDENCE.

TABLE B-2
LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1987

YEAR	LIVE BIRTH RATE* PENNSYLVANIA	LIVE BIRTH RATE* UNITED STATES	GENERAL FERTILITY RATE* PENNSYLVANIA	GENERAL FERTILITY RATE* UNITED STATES	TOTAL FERTILITY RATE* PENNSYLVANIA	TOTAL FERTILITY RATE* UNITED STATES
1987	13.6	15.7**	59.4	66.1**	1693.5	***
1986	13.5	15.6	58.9	65.4	1659.0	1836.0
1985	13.5	15.8	58.8	66.2	1642.0	1842.5
1984	13.2	15.5	57.9	65.4	1603.0	1805.5
1983	13.3	15.5	59.2	65.8	1633.0	1802.9
1982	13.6	15.9	60.6	67.3	1667.5	1828.5
1981	13.5	15.8	60.7	67.4	1654.5	1815.0
1980	13.4	15.9	60.1	68.4	1633.5	1839.5
1979	13.4	15.6	60.4	67.2	1672.0	1808.0
1978	12.9	15.0	58.7	65.5	1617.0	1760.0
1977	13.0	15.1	59.8	66.8	1620.5	1789.5
1976	12.5	14.6	57.7	65.0	1569.5	1738.0
1975	12.6	14.6	58.7	66.0	1600.5	1774.0
1974	12.8	14.8	60.5	67.8	1673.5	1835.0
1973	12.9	14.8	61.7	68.8	1734.5	1879.0
1972	13.7	15.6	66.3	73.1	1892.5	2010.0
1971	15.1	17.2	75.4	81.6	2188.5	2266.5
1970	16.3	18.4	80.6	87.9	2378.5	2480.0
1969	15.7	17.9	76.6	86.1	2245.0	2455.5
1968	15.8	17.6	77.6	85.2	2319.5	2464.2
1967	16.2	17.8	80.0	87.2	2444.5	2557.7
1966	16.8	18.4	83.4	90.8	2593.5	2721.4
1965	17.7	19.4	87.6	96.3	2754.5	2912.6
1964	19.1	21.1	94.8	104.7	3002.0	3190.5
1963	19.4	21.7	96.2	108.3	3072.5	3318.8
1962	19.9	22.4	98.8	112.0	3222.0	3461.3
1961	20.9	23.3	104.1	117.1	3390.5	3620.3
1960	21.3	23.7	104.5	118.0	3354.5	3653.6
1959	21.8	24.2	104.3	119.9	3258.5	3712.4
1958	22.5	24.5	106.8	120.0	3315.5	3700.5
1957	22.8	25.3	107.7	122.7	3316.5	3767.0
1956	22.3	25.2	103.6	121.0	3169.5	3689.0
1955	21.8	25.0	100.1	118.3	3020.0	3573.7
1954	22.5	25.3	101.9	117.9	3042.0	3542.6
1953	22.1	25.1	98.9	115.0	2912.0	3424.1
1952	22.4	25.1	98.4	113.8	2873.5	3358.4
1951	22.2	24.9	96.5	111.4	2799.5	3269.3
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

* LIVE BIRTH RATES PER 1,000 POPULATION.

GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).

TOTAL FERTILITY RATE: THE SUM OF THE AGE-SPECIFIC BIRTH RATES OF WOMEN IN FIVE YEAR AGE GROUPS MULTIPLIED BY FIVE. THIS RATE ESTIMATES THE NUMBER OF CHILDREN A COHORT OF 1,000 WOMEN WOULD BEAR IF THEY ALL WENT THROUGH THEIR CHILDBEARING YEARS EXPOSED TO THE AGE SPECIFIC BIRTH RATES IN EFFECT AT A PARTICULAR TIME.

** PROVISIONAL DATA.
***DATA NOT AVAILABLE.

FIGURE B-1
LIVE BIRTH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

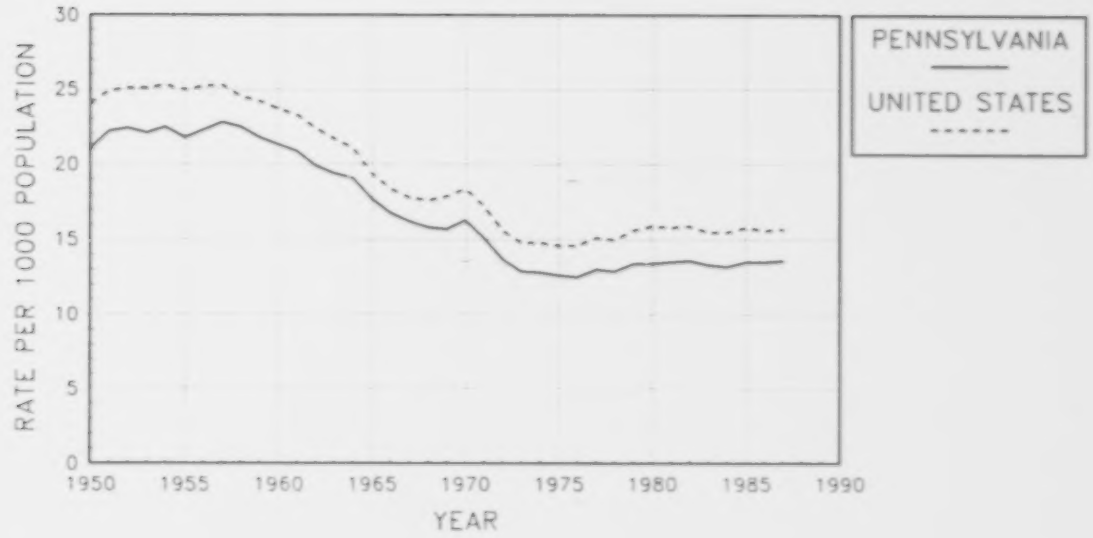


FIGURE B-2
GENERAL FERTILITY RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

TABLE B-3
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, NUMBER AND RATE*
PENNSYLVANIA, 1987, 1985, 1980, 1975, 1970

AGE OF MOTHER**	1987		1985		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	162,348	47.2	160,001	46.9	158,670	46.6	148,942	43.3	192,154	57.1
UNDER 15	385	1.0	359	0.9	324	0.7	412	0.8	443	0.8
15-19	17,325	38.8	18,119	39.2	21,683	40.5	24,701	43.6	28,592	53.2
20-24	42,166	88.5	45,144	90.0	52,371	97.5	50,414	95.0	71,365	156.1
25-29	54,708	109.6	54,458	106.0	52,077	109.3	47,304	104.8	54,250	149.6
30-34	35,674	72.9	31,803	67.9	25,306	58.6	18,881	52.8	23,913	75.7
35-39	10,644	24.0	8,974	21.2	5,958	17.0	5,815	18.7	10,526	32.3
40-44	1,396	3.7	1,103	3.1	898	2.9	1,334	4.2	2,878	7.5
45 & OVER	50	0.2	41	0.1	53	0.2	81	0.2	187	0.5

* RATE PER 1,000 FEMALE POPULATION FOR EACH YEAR BY AGE GROUP. ALL AGES INCLUDES FEMALES AGE 10-49 YEARS; UNDER 15 INCLUDES FEMALES AGE 10-14 YEARS; AND 45 AND OVER INCLUDES FEMALES AGE 45-49 YEARS.
**BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE 25-29 YEAR AGE GROUP FOR 1987, AND IN THE 20-24 YEAR AGE GROUP FOR ALL OTHER YEARS.

FIGURE B-3
RESIDENT BIRTH RATES BY AGE OF MOTHER
PENNSYLVANIA, 1987

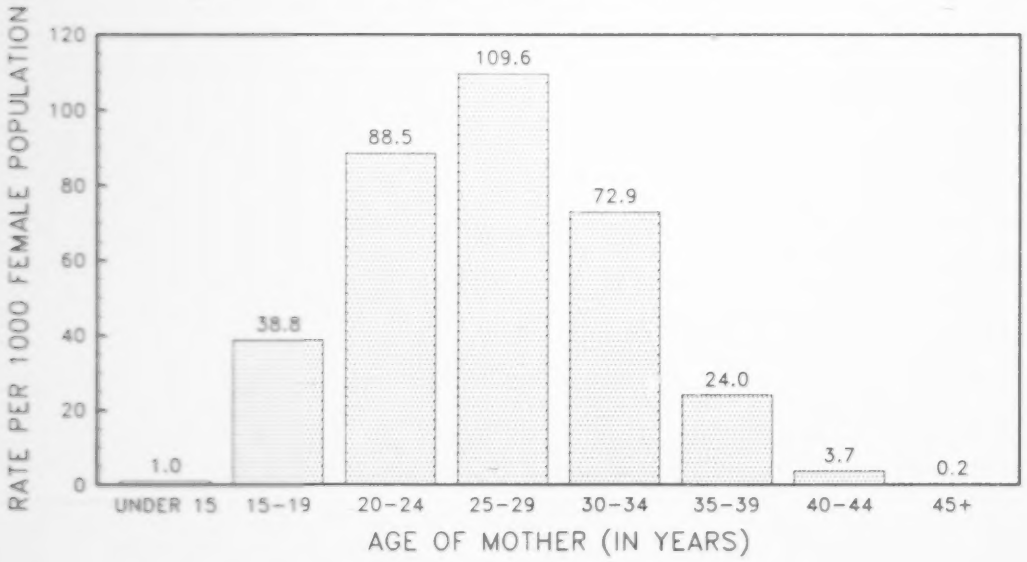


TABLE B-4A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, SEX AND RACE OF CHILD
PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	162,348	135,204	69,479	65,725	27,144	13,695	13,449
UNDER 15	385	133	69	64	252	130	122
15-19	17,325	11,708	6,079	5,629	5,617	2,835	2,782
20-24	42,166	33,398	17,155	16,243	8,768	4,426	4,342
25-29	54,654	47,554	24,360	23,194	7,100	3,533	3,567
30-34	35,674	31,747	16,294	15,453	3,927	2,044	1,883
35-39	10,644	9,400	4,869	4,531	1,244	616	628
40-44	1,396	1,196	629	567	200	96	104
45 & OVER	50	43	14	29	7	3	4
UNKNOWN	54	25	10	15	29	12	17

* UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-4B
RESIDENT LIVE BIRTH RATE* BY AGE OF MOTHER
AND RACE OF CHILD, PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	ALL RACES	WHITE**	ALL OTHER RACES
ALL AGES	47.2	44.4	69.1
UNDER 15	1.0	0.4	5.3
15-19	38.8	29.8	105.0
20-24	88.5	80.0	148.8
25-29***	109.6	108.3	119.2
30-34	72.9	72.8	73.6
35-39	24.0	23.7	26.6
40-44	3.7	3.5	5.1
45 & OVER	0.2	0.1	0.2

* RATE PER 1,000 FEMALE POPULATION FOR EACH RACE BY AGE GROUP.
ALL AGES INCLUDES FEMALES AGE 10-49 YEARS; UNDER 15 INCLUDES FEMALES AGE 10-14 YEARS; AND 45 & OVER INCLUDES FEMALES AGE 45-49 YEARS.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE AGE 25-29 YEARS.

TABLE B-5A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF 1ST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	162,348	124,299	76.6	25,075	15.4	6,103	3.8	4,578	2.8	2,293	1.4
UNDER 15	385	117	30.4	160	41.6	68	17.7	24	6.2	16	4.2
15-19	17,325	9,007	52.0	5,559	32.1	1,568	9.1	698	4.0	493	2.8
20-24	42,166	29,408	69.7	8,491	20.1	2,146	5.1	1,258	3.0	863	2.0
25-29	54,654	45,244	82.8	6,159	11.3	1,333	2.4	1,372	2.5	546	1.0
30-34	35,674	30,577	85.7	3,323	9.3	672	1.9	847	2.4	255	0.7
35-39	10,644	8,856	83.2	1,141	10.7	244	2.3	308	2.9	95	0.9
40-44	1,396	1,044	74.8	214	15.3	63	4.5	53	3.8	22	1.6
45 & OVER	50	25	50.0	16	32.0	6	12.0	2	4.0	1	2.0
UNKNOWN	54	21	38.9	12	22.2	3	5.6	16	29.6	2	3.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-5B
RESIDENT LIVE BIRTHS BY RACE OF CHILD AND TRIMESTER OF 1ST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

RACE OF CHILD	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL RACES	162,348	124,299	76.6	25,075	15.4	6,103	3.8	4,578	2.8	2,293	1.4
WHITE**	135,204	110,198	81.5	17,672	13.1	3,763	2.8	2,647	2.0	924	0.7
ALL OTHER	27,144	14,101	51.9	7,403	27.3	2,340	8.6	1,931	7.1	1,369	5.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH RACE GROUP.
**UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.

TABLE B-6
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF CHILD
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

BIRTH WEIGHT (IN GRAMS)	TOTAL BIRTHS	WHITE** TOTAL NUMBER	%	WHITE** MALE*** NUMBER	%	WHITE** FEMALE NUMBER	%	ALL OTHER TOTAL NUMBER	%	ALL OTHER MALE*** NUMBER	%	ALL OTHER FEMALE NUMBER	%
TOTAL	162,348	135,204	100.0	69,479	100.0	65,725	100.0	27,144	100.0	13,695	100.0	13,449	100.0
0-1499	2,175	1,306	1.0	667	1.0	639	1.0	869	3.2	422	3.1	447	3.3
1500-2499	9,112	6,331	4.7	2,915	4.2	3,416	5.2	2,781	10.2	1,279	9.3	1,502	11.2
2500-3499	85,211	68,278	50.5	31,415	45.2	36,863	56.1	16,933	62.4	8,130	59.4	8,803	65.5
3500-4499	62,786	56,487	41.8	32,574	46.9	23,913	36.4	6,299	23.2	3,685	26.9	2,614	19.4
4500+	2,927	2,687	2.0	1,858	2.7	829	1.3	240	0.9	166	1.2	74	0.6
UNKNOWN	137	115	0.1	50	0.1	65	0.1	22	0.1	13	0.1	9	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COLUMN.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY
*** UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-7
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	BIRTH WEIGHT 0-1499 GRAMS NUMBER	%	1500-2499 GRAMS NUMBER	%	2500-3499 GRAMS NUMBER	%	3500-4499 GRAMS NUMBER	%	4500 GRAMS AND OVER NUMBER	%	UNKNOWN WEIGHT NUMBER	%
ALL AGES	162,348	2,175	1.3	9,112	5.6	85,211	52.5	62,786	38.7	2,927	1.8	137	0.1
UNDER 15	385	14	3.6	40	10.4	249	64.7	81	21.0	1	0.3	0	-
15-19	17,325	371	2.1	1,306	7.5	10,391	60.0	5,092	29.4	156	0.9	9	0.1
20-24	42,166	583	1.4	2,623	6.2	23,312	55.3	15,054	35.7	564	1.3	30	0.1
25-29	54,654	605	1.1	2,732	5.0	28,105	51.4	22,133	40.5	1,038	1.9	41	0.1
30-34	35,674	420	1.2	1,748	4.9	17,400	48.8	15,247	42.7	816	2.3	43	0.1
35-39	10,644	150	1.4	589	5.5	5,061	47.5	4,556	42.8	280	2.6	8	0.1
40-44	1,396	23	1.6	66	4.7	640	45.8	596	42.7	68	4.9	3	0.2
45 & OVER	50	1	2.0	2	4.0	23	46.0	19	38.0	4	8.0	1	2.0
UNKNOWN	54	8	14.8	6	11.1	30	55.6	8	14.8	0	-	2	3.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-8
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	162,348	54,273	33.4	50,370	31.0	30,122	18.6	14,384	8.9	12,299	7.6	900	0.6
UNDER 15	385	367	95.3	16	4.2	1	0.3	0	-	0	-	1	0.3
15-19	17,325	11,970	69.1	3,963	22.9	1,053	6.1	237	1.4	57	0.3	45	0.3
20-24	42,166	16,866	40.0	14,046	33.3	6,878	16.3	2,686	6.4	1,532	3.6	158	0.4
25-29	54,654	16,399	30.0	18,128	33.2	10,941	20.0	4,997	9.1	3,867	7.1	322	0.6
30-34	35,674	7,034	19.7	11,337	31.8	8,440	23.7	4,545	12.7	4,068	11.4	250	0.7
35-39	10,644	1,479	13.9	2,621	24.6	2,555	24.0	1,674	15.7	2,219	20.8	96	0.9
40-44	1,396	140	10.0	244	17.5	244	17.5	235	16.8	517	37.0	16	1.1
45 & OVER	50	4	8.0	2	4.0	4	8.0	4	8.0	35	70.0	1	2.0
UNKNOWN	54	14	25.9	13	24.1	6	11.1	6	11.1	4	7.4	11	20.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-9
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	162,348	66,974	41.3	54,487	33.6	25,873	15.9	9,060	5.6	5,723	3.5	231	0.1
UNDER 15	385	380	98.7	4	1.0	0	-	0	-	0	-	1	0.3
15-19	17,325	13,505	78.0	3,115	18.0	601	3.5	71	0.4	19	0.1	14	0.1
20-24	42,166	20,732	49.2	14,317	34.0	5,132	12.2	1,471	3.5	460	1.1	54	0.1
25-29	54,654	20,682	37.8	20,019	36.6	9,330	17.1	3,030	5.5	1,516	2.8	77	0.1
30-34	35,674	9,368	26.3	13,411	37.6	7,919	22.2	2,972	8.3	1,954	5.5	50	0.1
35-39	10,644	2,071	19.5	3,306	31.1	2,599	24.4	1,298	12.2	1,348	12.7	22	0.2
40-44	1,396	214	15.3	298	21.3	281	20.1	209	15.0	391	28.0	3	0.2
45 & OVER	50	5	10.0	2	4.0	5	10.0	5	10.0	32	64.0	1	2.0
UNKNOWN	54	17	31.5	15	27.8	6	11.1	4	7.4	3	5.6	9	16.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-10
RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	MARITAL STATUS					
		MARRIED		UNMARRIED		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	162,348	121,246	74.7	41,083	25.3	19	0.0
UNDER 15	385	7	1.8	378	98.2	0	-
15-19	17,325	4,666	26.9	12,656	73.1	3	0.0
20-24	42,166	27,154	64.4	15,009	35.6	3	0.0
25-29	54,654	46,432	85.0	8,215	15.0	7	0.0
30-34	35,674	32,149	90.1	3,524	9.9	1	0.0
35-39	10,644	9,552	89.7	1,091	10.2	1	0.0
40-44	1,396	1,221	87.5	175	12.5	0	-
45 & OVER	50	43	86.0	7	14.0	0	-
UNKNOWN	54	22	40.7	28	51.9	4	7.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-11
RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	162,348	4,369	2.7	22,608	13.9	77,040	47.5	27,239	16.8	29,153	18.0	1,939	1.2
UNDER 15	385	271	70.4	100	26.0	2	0.5	0	-	0	-	12	3.1
15-19	17,325	962	5.6	8,872	51.2	6,588	38.0	608	3.5	4	0.0	291	1.7
20-24	42,166	1,109	2.6	7,532	17.9	24,820	58.9	6,484	15.4	1,695	4.0	526	1.2
25-29	54,654	943	1.7	4,055	7.4	27,419	50.2	10,830	19.8	10,847	19.8	560	1.0
30-34	35,674	644	1.8	1,507	4.2	14,053	39.4	7,143	20.0	11,954	33.5	373	1.0
35-39	10,644	323	3.0	450	4.2	3,658	34.4	1,923	18.1	4,177	39.2	113	1.1
40-44	1,396	103	7.4	86	6.2	475	34.0	241	17.3	463	33.2	28	2.0
45 & OVER	50	14	28.0	6	12.0	14	28.0	4	8.0	9	18.0	3	6.0
UNKNOWN	54	0	-	0	-	11	20.4	6	11.1	4	7.4	33	61.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-12
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, PLACE OF DELIVERY
AND ATTENDANT AT BIRTH, PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL AGES	162,348	156,641	3,142	84	169	763	1,275	209	65
UNDER 15	385	367	14	1	1	2	0	0	0
15-19	17,325	16,671	517	21	48	32	17	15	4
20-24	42,166	40,651	948	21	51	195	249	41	10
25-29	54,654	52,982	827	25	47	248	447	59	19
30-34	35,674	34,393	628	13	19	160	381	57	23
35-39	10,644	10,177	185	3	3	96	144	31	5
40-44	1,396	1,305	23	0	0	25	34	6	3
45 & OVER	50	44	0	0	0	4	2	0	0
UNKNOWN	54	51	0	0	0	1	1	0	1

TABLE B-13
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES**	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL AGES	162,348	41,646	25.7	8,809	5.4	31,392	19.3	698	0.4	1,364	0.8
UNDER 15	385	105	27.3	24	6.2	72	18.7	0	-	2	0.5
15-19	17,325	4,511	26.0	897	5.2	3,470	20.0	78	0.5	164	0.9
20-24	42,166	10,624	25.2	2,226	5.3	8,352	19.8	189	0.4	349	0.8
25-29	54,654	13,529	24.8	2,801	5.1	10,513	19.2	254	0.5	452	0.8
30-34	35,674	9,350	26.2	2,015	5.6	6,666	18.7	145	0.4	265	0.7
35-39	10,644	3,099	29.1	726	6.8	2,021	19.0	27	0.3	109	1.0
40-44	1,396	402	28.8	119	8.5	286	20.5	5	0.4	21	1.5
45 & OVER	50	15	30.0	0	-	11	22.0	0	-	2	4.0
UNKNOWN	54	11	20.4	1	1.9	1	1.9	0	-	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.
** SEE TECHNICAL NOTES FOR QUALIFICATIONS ABOUT THE REPORTING OF CONGENITAL ANOMALIES.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH.

TABLE B-14A
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
NUMBER: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	162,348	106,110	9,613	1,117	556	17,613	20,293	7,046
UNDER 15	385	285	23	1	3	26	38	9
15-19	17,325	12,469	1,045	122	46	1,140	1,951	552
20-24	42,166	28,497	2,520	270	148	4,056	5,060	1,615
25-29	54,654	35,135	3,460	376	170	6,082	6,913	2,518
30-34	35,674	22,355	2,000	269	140	4,606	4,558	1,746
35-39	10,644	6,467	516	67	41	1,500	1,513	540
40-44	1,396	835	48	11	4	198	249	51
45 & OVER	50	33	1	0	2	4	8	2
UNKNOWN	54	34	0	1	2	1	3	13

TABLE B-14B
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
PERCENT*: PENNSYLVANIA, 1987

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	100.0	65.4	5.9	0.7	0.3	10.8	12.5	4.3
UNDER 15	100.0	74.0	6.0	0.3	0.8	6.8	9.9	2.3
15-19	100.0	72.0	6.0	0.7	0.3	6.6	11.3	3.2
20-24	100.0	67.6	6.0	0.6	0.4	9.6	12.0	3.8
25-29	100.0	64.3	6.3	0.7	0.3	11.1	12.6	4.6
30-34	100.0	62.7	5.6	0.8	0.4	12.9	12.8	4.9
35-39	100.0	60.8	4.8	0.6	0.4	14.1	14.2	5.1
40-44	100.0	59.8	3.4	0.8	0.3	14.2	17.8	3.7
45 & OVER	100.0	66.0	2.0	-	4.0	8.0	16.0	4.0
UNKNOWN	100.0	63.0	-	1.9	3.7	1.9	5.6	24.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: ROWS MAY NOT TOTAL 100.0 PERCENT DUE TO ROUNDING.

TABLE B-15A
RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE
BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1987

APGAR SCORE	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
TOTAL	162,348	135,204	69,479	65,725	27,144	13,695	13,449
0-3	3,289	2,224	1,242	982	1,065	553	512
4	1,764	1,336	734	602	428	232	196
5	2,711	2,098	1,136	962	613	325	288
6	4,948	3,938	2,129	1,809	1,010	509	501
7	14,503	11,838	6,170	5,668	2,665	1,333	1,332
8	62,111	51,161	26,177	24,984	10,950	5,471	5,479
9	69,135	59,153	30,177	28,976	9,982	5,063	4,919
10	2,587	2,467	1,242	1,225	120	66	54
UNKNOWN	1,300	989	472	517	311	143	168

* UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-15B
RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES
BY RACE AND SEX OF CHILD, PENNSYLVANIA, 1987

APGAR SCORE	TOTAL BIRTHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
TOTAL	162,348	135,204	69,479	65,725	27,144	13,695	13,449
0-3	866	541	289	252	325	180	145
4	262	177	96	81	85	47	38
5	428	303	177	126	125	64	61
6	915	678	365	313	237	119	118
7	2,104	1,602	858	744	502	247	255
8	10,699	8,307	4,465	3,842	2,392	1,248	1,144
9	108,611	88,043	45,303	42,740	20,568	10,328	10,240
10	37,195	34,603	17,475	17,128	2,592	1,320	1,272
UNKNOWN	1,268	950	451	499	318	142	176

* UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-16
NAMES MOST FREQUENTLY GIVEN TO LIVE BIRTHS OCCURRING
IN PENNSYLVANIA BY SEX, 1987 AND 1960, AND BY SEX AND RACE, 1987

TOP TEN NAMES
FEMALES, 1987 AND 1960

RANK	1987	1960
1	ASHLEY	MARY
2	AMANDA	SUSAN
3	JESSICA	DONNA
4	JENNIFER	KAREN
5	NICOLE	PATRICIA
6	SARAH	LINDA
7	LAUREN	LISA
8	STEPHANIE	DEBORAH
9	MEGAN	BARBARA
10	SAMANTHA	KATHLEEN

TOP TEN NAMES
FEMALES BY RACE, 1987

RANK	WHITE	ALL OTHER
1	AMANDA	ASHLEY
2	ASHLEY	TIFFANY
3	JESSICA	JESSICA
4	JENNIFER	BRITTANY
5	NICOLE	JASMINE
6	SARAH	JENNIFER
7	LAUREN	CHRISTINA
8	MEGAN	DANIELLE
9	STEPHANIE	AMBER
10	SAMANTHA	DOMINIQUE

TOP TEN NAMES
MALES, 1987 AND 1960

RANK	1987	1960
1	MICHAEL	JOHN
2	MATTHEW	MICHAEL
3	CHRISTOPHER	DAVID
4	ANDREW	ROBERT
5	DAVID	JAMES
6	JOSHUA	WILLIAM
7	DANIEL	MARK
8	JOHN	JOSEPH
9	RYAN	THOMAS
10	ROBERT	RICHARD

TOP TEN NAMES
MALES BY RACE, 1987

RANK	WHITE	ALL OTHER
1	MICHAEL	MICHAEL
2	MATTHEW	ANTHONY
3	CHRISTOPHER	CHRISTOPHER
4	ANDREW	JAMES
5	JOSHUA	DAVID
6	DANIEL	BRANDON
7	DAVID	WILLIAM
8	JOHN	ROBERT
9	RYAN	JUSTIN
10	JOSEPH	KEVIN

TABLE B-17
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	BIRTH RATE	GENERAL FERTILITY RATE	WHITE ** TOTAL	WHITE ** MALE***	WHITE ** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
ALL COUNTIES	162,348	13.6	59.4	135,204	69,479	65,725	27,144	13,695	13,449
ADAMS	1,023	14.2	59.3	992	503	489	31	17	14
ALLEGHENY	17,683	13.0	57.4	14,038	7,151	6,887	3,645	1,856	1,789
ARMSTRONG	933	11.8	56.2	919	465	454	14	7	7
BEAVER	2,244	11.7	54.4	1,991	1,017	974	253	131	122
BEDFORD	567	11.8	54.8	563	275	288	4	4	0
BERKS	4,327	13.3	59.5	4,043	2,075	1,968	284	160	124
BLAIR	1,650	12.5	56.1	1,617	844	773	33	14	19
BRADFORD	871	13.5	60.6	866	446	420	5	1	4
BUCKS	7,647	14.4	59.6	7,212	3,763	3,449	435	216	219
BUTLER	1,953	12.8	54.2	1,932	991	941	21	12	9
CAMBRIA	1,833	10.7	43.5	1,771	927	844	62	37	25
CAMERON	93	14.5	72.2	90	43	47	3	1	2
CARBON	627	11.4	54.7	621	337	284	6	1	5
CENTRE	1,411	12.3	43.5	1,307	689	618	104	50	54
CHESTER	5,394	15.6	61.7	4,865	2,508	2,357	529	264	265
CLARION	523	12.5	52.0	512	255	257	11	6	5
CLEARFIELD	1,077	13.2	62.2	1,066	572	494	11	8	3
CLINTON	434	11.5	49.1	429	243	186	5	5	0
COLUMBIA	668	11.0	45.2	659	347	312	9	4	5
CRAWFORD	1,118	13.0	61.2	1,078	562	516	40	20	20
CUMBERLAND	2,160	11.2	46.2	2,074	1,026	1,048	86	46	40
DAUPHIN	3,431	14.4	62.0	2,502	1,279	1,223	929	450	479
DELAWARE	8,038	14.2	61.8	6,623	3,374	3,249	1,415	706	709
ELK	489	13.1	61.8	488	264	224	1	0	1
ERIE	3,904	14.0	58.0	3,476	1,783	1,693	428	216	212
FAYETTE	1,829	11.9	58.4	1,711	897	814	118	62	56
FOREST	39	8.3	41.9	38	19	19	1	0	1
FRANKLIN	1,542	12.9	57.2	1,467	764	703	75	27	48
FULTON	196	13.8	61.5	190	86	104	6	1	5
GREENE	499	12.4	54.1	495	254	241	4	3	1
HUNTINGDON	554	12.9	57.3	541	278	263	13	8	5
INDIANA	1,023	11.1	42.8	1,011	512	499	12	4	8
JEFFERSON	604	12.6	59.3	603	310	293	1	0	1

(CONTINUED)

TABLE B-17
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
TOTAL BIRTHS, BIRTH AND GENERAL FERTILITY RATES*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	BIRTH RATE	GENERAL FERTILITY RATE	WHITE** TOTAL	WHITE** MALE***	WHITE** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
JUNIATA	288	14.3	67.5	287	150	137	1	0	1
LACKAWANNA	2,571	11.5	53.6	2,493	1,297	1,196	78	40	38
LANCASTER	6,469	16.0	68.1	6,053	3,113	2,940	416	209	207
LAWRENCE	1,196	11.9	57.2	1,119	595	524	77	38	39
LEBANON	1,525	13.5	58.4	1,490	810	680	35	12	23
LEHIGH	3,806	13.4	56.7	3,524	1,751	1,773	282	155	127
LUZERNE	3,602	10.9	51.5	3,524	1,838	1,686	78	40	38
LYCOMING	1,566	13.4	59.5	1,504	755	749	62	32	30
MCKEAN	595	12.8	63.2	584	304	280	11	6	5
MERCER	1,375	11.1	50.9	1,246	623	623	129	59	70
MIFFLIN	682	14.7	65.5	674	338	336	8	5	3
MONROE	1,105	12.6	53.5	1,067	540	527	38	19	19
MONTGOMERY	9,278	13.6	59.2	8,347	4,334	4,013	931	468	463
MONTOUR	228	13.7	61.0	222	96	126	6	3	3
NORTHAMPTON	2,940	12.3	56.3	2,782	1,375	1,407	158	77	81
NORTHUMBERLAND	1,139	11.6	56.1	1,122	572	550	17	12	5
PERRY	580	14.5	61.3	572	310	262	8	6	2
PHILADELPHIA	28,529	17.3	72.8	13,049	6,722	6,327	15,480	7,769	7,711
PIKE	306	12.6	59.9	302	154	148	4	4	0
POTTER	269	15.0	73.9	268	142	126	1	0	1
SCHUYLKILL	1,637	10.6	52.3	1,614	851	763	23	11	12
SNYDER	503	14.1	58.7	497	254	243	6	5	1
SOMERSET	977	12.1	56.8	975	477	498	2	1	1
SULLIVAN	62	9.7	43.5	61	24	37	1	0	1
SUSQUEHANNA	557	13.8	64.9	550	281	269	7	5	2
TIOGA	493	12.1	52.8	487	247	240	6	4	2
UNION	405	11.7	49.5	403	198	205	2	1	1
VENANGO	766	12.3	56.0	751	396	355	15	8	7
WARREN	624	13.8	65.4	617	314	303	7	5	2
WASHINGTON	2,275	10.8	50.4	2,147	1,110	1,037	128	79	49
WAYNE	491	12.5	59.7	491	249	242	0	0	0
WESTMORELAND	4,241	11.2	49.8	4,074	2,075	1,999	167	83	84
WYOMING	370	13.2	57.9	368	201	167	2	1	1
YORK	4,514	13.6	57.6	4,150	2,124	2,026	364	201	163

* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY.
GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-18
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

COUNTY	TOTAL BIRTHS 1983-87	BIRTH RATE*	WHITE** TOTAL	WHITE** MALE***	WHITE** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
ALL COUNTIES	797,294	13.4	674,852	347,140	327,712	122,442	62,280	60,162
ADAMS	4,972	14.1	4,812	2,450	2,362	160	84	76
ALLEGHENY	88,564	12.7	71,764	36,632	35,132	16,800	8,613	8,187
ARMSTRONG	4,938	12.6	4,860	2,466	2,394	78	38	40
BEAVER	11,620	11.9	10,406	5,350	5,056	1,214	624	590
BEDFORD	2,849	11.9	2,835	1,386	1,449	14	9	5
BERKS	20,873	13.1	19,573	10,168	9,405	1,300	680	620
BLAIR	8,355	12.5	8,223	4,281	3,942	132	70	62
BRADFORD	4,490	14.0	4,456	2,274	2,182	34	17	17
BUCKS	36,166	14.0	34,237	17,706	16,531	1,929	993	936
BUTLER	10,162	13.5	10,063	5,225	4,838	99	46	53
CAMBRIA	9,977	11.4	9,653	5,004	4,649	324	174	150
CAMERON	481	14.7	473	243	230	8	5	3
CARBON	3,020	11.1	2,991	1,547	1,444	29	18	11
CENTRE	6,761	11.8	6,338	3,235	3,103	423	209	214
CHESTER	24,741	14.7	22,236	11,449	10,787	2,505	1,267	1,238
CLARION	2,674	12.5	2,636	1,333	1,303	38	21	17
CLEARFIELD	5,529	13.3	5,492	2,880	2,612	37	20	17
CLINTON	2,324	12.1	2,299	1,182	1,117	25	17	8
COLUMBIA	3,603	11.7	3,564	1,813	1,751	39	23	16
CRAWFORD	6,031	13.7	5,884	3,084	2,800	147	71	76
CUMBERLAND	10,793	11.5	10,349	5,323	5,026	444	218	226
DAUPHIN	16,829	14.2	12,619	6,445	6,174	4,210	2,091	2,119
DELAWARE	39,258	14.1	32,944	16,899	16,045	6,314	3,143	3,171
ELK	2,630	14.0	2,620	1,333	1,287	10	6	4
ERIE	20,516	14.6	18,508	9,535	8,973	2,008	1,005	1,003
FAYETTE	9,522	12.2	8,977	4,676	4,301	545	282	263
FOREST	257	10.5	250	129	121	7	4	3
FRANKLIN	7,455	12.7	7,141	3,644	3,497	314	140	174
FULTON	929	13.5	909	446	463	20	10	10
GREENE	2,610	12.8	2,579	1,269	1,310	31	20	11
HUNTINGDON	2,742	12.8	2,685	1,352	1,333	57	32	25
INDIANA	5,637	12.2	5,553	2,844	2,709	84	42	42
JEFFERSON	3,286	13.6	3,276	1,695	1,581	10	6	4

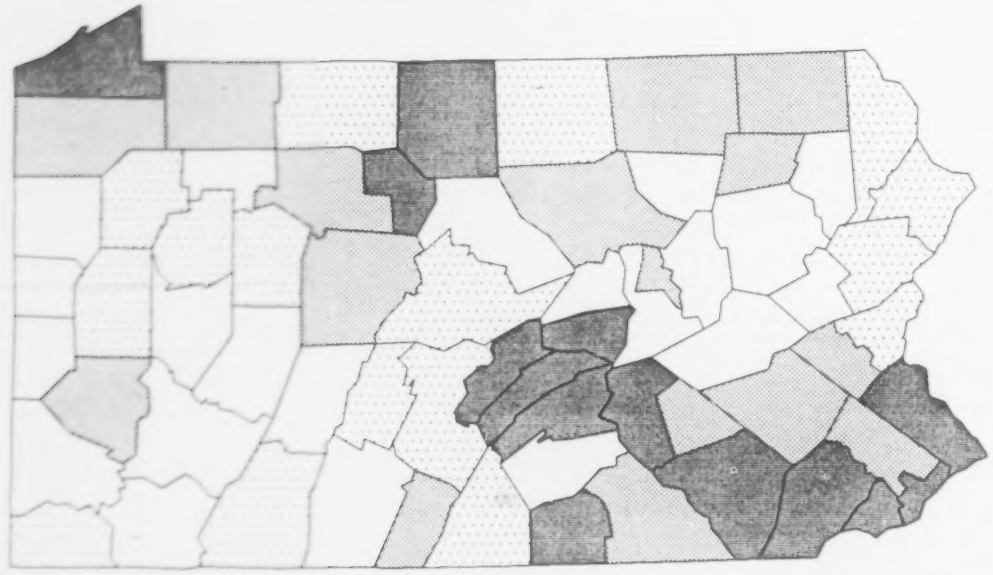
(CONTINUED)

TABLE B-18
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

COUNTY	TOTAL BIRTHS 1983-87	BIRTH RATE*	WHITE** TOTAL	WHITE** MALE***	WHITE** FEMALE	ALL OTHER TOTAL	ALL OTHER MALE***	ALL OTHER FEMALE
JUNIATA	1,380	13.9	1,370	691	679	10	7	3
LACKAWANNA	13,397	12.0	13,043	6,712	6,331	354	169	185
LANCASTER	30,371	15.6	28,719	14,786	13,933	1,652	849	803
LAWRENCE	6,141	11.9	5,797	2,928	2,869	344	182	162
LEBANON	7,185	12.9	7,030	3,682	3,348	155	84	71
LEHIGH	17,942	12.8	16,885	8,642	8,243	1,057	588	469
LUZERNE	18,549	11.1	18,235	9,398	8,837	314	168	146
LYCOMING	8,127	13.9	7,836	3,990	3,846	291	168	123
MCKEAN	3,152	13.1	3,113	1,623	1,490	39	21	18
MERCER	7,291	11.7	6,656	3,426	3,230	635	303	332
MIFFLIN	3,195	13.8	3,170	1,661	1,509	25	13	12
MONROE	4,776	11.9	4,635	2,397	2,238	141	69	72
MONTGOMERY	44,126	13.2	39,845	20,555	19,290	4,281	2,167	2,114
MONTOUR	1,199	14.3	1,182	574	608	17	9	8
NORTHAMPTON	13,845	11.9	13,120	6,745	6,375	725	374	351
NORTHUMBERLAND	6,007	12.1	5,964	3,036	2,928	43	25	18
PERRY	2,661	13.9	2,638	1,405	1,233	23	17	6
PHILADELPHIA	133,451	16.2	63,941	33,021	30,920	69,510	35,321	34,189
PIKE	1,225	11.3	1,217	629	588	8	5	3
POTTER	1,364	15.0	1,357	701	656	7	4	3
SCHUYLKILL	8,690	11.1	8,587	4,403	4,184	103	57	46
SNYDER	2,502	14.1	2,483	1,273	1,210	19	10	9
SOMERSET	5,090	12.5	5,074	2,560	2,514	16	7	9
SULLIVAN	316	10.1	312	159	153	4	2	2
SUSQUEHANNA	2,767	14.1	2,747	1,455	1,292	20	12	8
TIOGA	2,589	12.8	2,560	1,318	1,242	29	14	15
UNION	2,164	12.6	2,148	1,106	1,042	16	9	7
VENANGO	4,081	13.0	4,026	2,068	1,958	55	27	28
WARREN	3,092	13.2	3,072	1,581	1,491	20	11	9
WASHINGTON	12,213	11.4	11,544	5,965	5,579	669	362	307
WAYNE	2,427	12.7	2,413	1,248	1,165	14	8	6
WESTMORELAND	21,883	11.4	21,056	10,806	10,250	827	395	432
WYOMING	1,954	14.2	1,941	1,003	938	13	8	5
YORK	21,548	13.3	19,931	10,295	9,636	1,617	817	800

* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY, 1983-1987.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

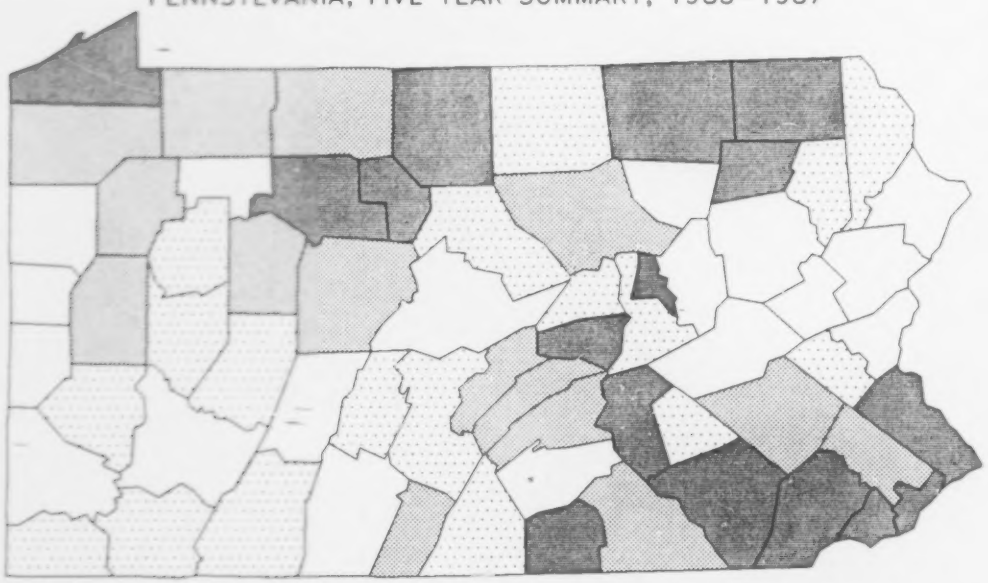
FIGURE B-4
RESIDENT BIRTH RATES BY COUNTY
PENNSYLVANIA, 1987



RATE < 12.0 12.0-12.9 13.0-13.9 14.0+

NOTE: RATE PER 1,000 POPULATION, 1987. SEE TABLE B-17 FOR COUNTY RATES.

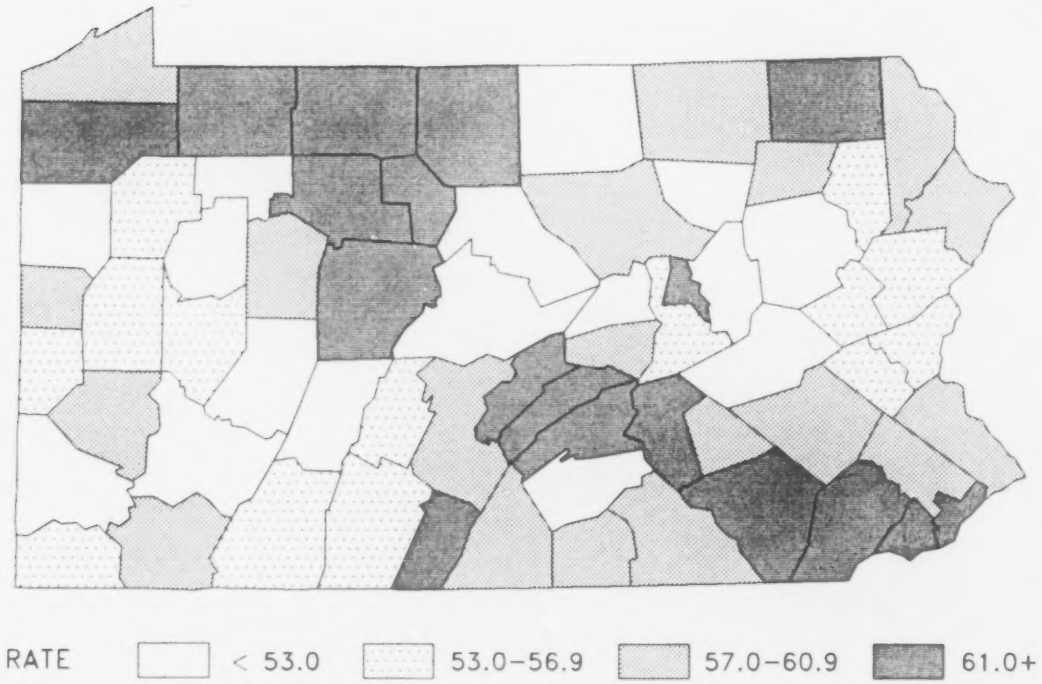
FIGURE B-5
RESIDENT BIRTH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987



RATE < 12.0 12.0-12.9 13.0-13.9 14.0+

NOTE: RATE PER 1,000 POPULATION, 1983-1987. SEE TABLE B-18 FOR COUNTY RATES.

FIGURE B-6
GENERAL FERTILITY RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1987



NOTE: GENERAL FERTILITY RATE IS THE NUMBER OF LIVE BIRTHS PER 1,000 FEMALES BETWEEN THE AGES OF 15 AND 44 YEARS. SEE TABLE B-17 FOR COUNTY RATES.

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
ALL COUNTIES	162,348	385	17,325	42,166	54,654	35,674	10,644	1,396	50	54
ADAMS	1,023	0	112	342	314	198	54	3	0	0
ALLEGHENY	17,683	37	1,509	3,721	6,190	4,597	1,475	146	1	7
ARMSTRONG	933	1	109	299	315	165	36	8	0	0
BEAVER	2,244	4	209	580	855	466	113	17	0	0
BEDFORD	567	0	82	175	192	86	28	4	0	0
BERKS	4,327	11	451	1,173	1,519	876	264	33	0	0
BLAIR	1,650	3	248	473	502	327	89	8	0	0
BRADFORD	871	1	119	288	266	157	36	4	0	0
BUCKS	7,647	2	448	1,484	2,924	2,114	597	73	4	1
BUTLER	1,953	1	165	493	707	447	124	14	1	1
CAMBRIA	1,833	4	239	473	631	365	109	11	1	0
CAMERON	93	1	19	28	23	15	6	0	1	0
CARBON	627	1	72	194	197	118	39	5	1	0
CENTRE	1,411	2	97	418	447	340	91	16	0	0
CHESTER	5,394	7	310	1,003	1,900	1,587	510	73	1	3
CLARION	523	0	63	158	176	98	24	4	0	0
CLEARFIELD	1,077	2	150	380	321	173	39	12	0	0
CLINTON	434	0	64	168	111	70	18	3	0	0
COLUMBIA	668	2	58	206	238	129	30	5	0	0
CRAWFORD	1,118	2	105	353	375	209	67	7	0	0
CUMBERLAND	2,160	2	169	537	760	508	158	25	1	0
DAUPHIN	3,431	18	443	910	1,160	684	197	18	0	1
DELAWARE	8,038	26	585	1,662	2,812	2,184	675	89	2	3
ELK	489	0	56	145	175	71	36	6	0	0
ERIE	3,904	10	460	1,049	1,316	810	233	26	0	0
FAYETTE	1,829	6	300	586	551	289	87	10	0	0
FOREST	39	0	9	14	6	10	0	0	0	0
FRANKLIN	1,542	1	183	522	497	254	74	11	0	0
FULTON	196	3	31	74	56	27	5	0	0	0
GREENE	499	1	72	152	147	103	22	2	0	0
HUNTINGDON	554	0	78	210	154	81	27	4	0	0
INDIANA	1,023	1	110	296	346	212	51	6	0	1
JEFFERSON	604	0	83	174	219	100	23	5	0	0

(CONTINUED)

TABLE B-19
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS) UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
JUNIATA	288	0	38	99	82	53	12	3	1	0
LACKAWANNA	2,571	2	220	625	878	627	193	26	0	0
LANCASTER	6,469	12	582	1,805	2,269	1,303	405	82	11	0
LAWRENCE	1,196	2	136	324	402	252	69	10	0	1
LEBANON	1,525	2	156	452	557	279	67	11	1	0
LEHIGH	3,806	4	333	953	1,381	870	237	27	1	0
LUZERNE	3,602	3	382	911	1,160	833	275	35	2	1
LYCOMING	1,566	1	219	498	469	274	93	11	1	0
MCKEAN	595	3	95	193	192	72	37	2	0	1
MERCER	1,375	3	144	398	477	268	70	14	1	0
MIFFLIN	682	1	82	237	207	114	31	10	0	0
MONROE	1,105	1	69	259	415	264	87	10	0	0
MONTGOMERY	9,278	6	457	1,566	3,442	2,821	861	119	4	2
MONTOUR	228	0	18	74	70	50	14	2	0	0
NORTHAMPTON	2,940	4	282	708	1,041	722	164	18	0	1
NORTHUMBERLAND	1,139	2	164	409	327	181	50	6	0	0
PERRY	580	0	61	184	201	95	35	4	0	0
PHILADELPHIA	28,529	171	4,709	8,497	8,375	4,938	1,565	234	12	28
PIKE	306	0	17	64	120	85	18	2	0	0
POTTER	269	0	37	93	78	39	22	0	0	0
SCHUYLKILL	1,637	0	244	519	490	300	72	12	0	0
SNYDER	503	0	62	147	168	89	33	3	0	1
SOMERSET	977	2	110	335	287	178	53	12	0	0
SULLIVAN	62	0	7	19	22	13	0	1	0	0
SUSQUEHANNA	557	1	63	158	206	89	25	15	0	0
TIOGA	493	0	64	182	148	79	20	0	0	0
UNION	405	1	41	108	142	85	26	2	0	0
VENANGO	766	1	92	224	261	148	38	2	0	0
WARREN	624	1	60	191	203	136	28	5	0	0
WASHINGTON	2,275	5	223	569	816	510	138	12	2	0
WAYNE	491	0	35	146	170	97	38	4	0	1
WESTMORELAND	4,241	3	374	1,077	1,492	1,006	259	29	1	0
WYOMING	370	0	53	120	98	70	27	2	0	0
YORK	4,514	5	488	1,282	1,606	864	245	23	0	1

TABLE B-20
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	162,348	2,175	1.3	9,112	5.6	85,211	52.5	62,786	38.7	2,927	1.8	137	0.1
ADAMS	1,023	8	0.8	53	5.2	531	51.9	413	40.4	18	1.8	0	-
ALLEGHENY	17,683	285	1.6	951	5.4	9,248	52.3	6,832	38.6	308	1.7	59	0.3
ARMSTRONG	933	7	0.8	57	6.1	476	51.0	375	40.2	17	1.8	1	0.1
BEAVER	2,244	21	0.9	115	5.1	1,168	52.0	903	40.2	36	1.6	1	0.0
BEDFORD	567	3	0.5	32	5.6	289	51.0	227	40.0	16	2.8	0	-
BERKS	4,327	57	1.3	190	4.4	2,185	50.5	1,813	41.9	80	1.8	2	0.0
BLAIR	1,650	22	1.3	81	4.9	866	52.5	652	39.5	29	1.8	0	-
BRADFORD	871	7	0.8	44	5.1	408	46.8	389	44.7	23	2.6	0	-
BUCKS	7,647	55	0.7	353	4.6	3,814	49.9	3,252	42.5	167	2.2	6	0.1
BUTLER	1,953	16	0.8	85	4.4	990	50.7	828	42.4	32	1.6	2	0.1
CAMBRIA	1,833	23	1.3	93	5.1	974	53.1	717	39.1	26	1.4	0	-
CAMERON	93	1	1.1	3	3.2	52	55.9	37	39.8	0	-	0	-
CARBON	627	6	1.0	29	4.6	328	52.3	246	39.2	16	2.6	2	0.3
CENTRE	1,411	10	0.7	49	3.5	767	54.4	562	39.8	23	1.6	0	-
CHESTER	5,394	46	0.9	240	4.4	2,589	48.0	2,402	44.5	115	2.1	2	0.0
CLARION	523	0	-	28	5.4	273	52.2	215	41.1	6	1.1	1	0.2
CLEARFIELD	1,077	9	0.8	71	6.6	573	53.2	406	37.7	18	1.7	0	-
CLINTON	434	8	1.8	29	6.7	217	50.0	169	38.9	11	2.5	0	-
COLUMBIA	668	4	0.6	36	5.4	352	52.7	267	40.0	8	1.2	1	0.1
CRAWFORD	1,118	7	0.6	51	4.6	530	47.4	506	45.3	21	1.9	3	0.3
CUMBERLAND	2,160	23	1.1	88	4.1	1,108	51.3	886	41.0	55	2.5	0	-
DAUPHIN	3,431	62	1.8	187	5.5	1,851	53.9	1,278	37.2	53	1.5	0	-
DELAWARE	8,038	94	1.2	430	5.3	4,089	50.9	3,280	40.8	144	1.8	1	0.0
ELK	489	6	1.2	21	4.3	274	56.0	176	36.0	11	2.2	1	0.2
ERIE	3,904	49	1.3	214	5.5	1,994	51.1	1,576	40.4	70	1.8	1	0.0
FAYETTE	1,829	20	1.1	101	5.5	983	53.7	693	37.9	32	1.7	0	-
FOREST	39	0	-	0	-	25	64.1	12	30.8	2	5.1	0	-
FRANKLIN	1,542	11	0.7	71	4.6	760	49.3	660	42.8	40	2.6	0	-
FULTON	196	3	1.5	9	4.6	106	54.1	75	38.3	3	1.5	0	-
GREENE	499	4	0.8	24	4.8	245	49.1	210	42.1	16	3.2	0	-
HUNTINGDON	554	7	1.3	28	5.1	290	52.3	224	40.4	5	0.9	0	-
INDIANA	1,023	11	1.1	44	4.3	540	52.8	414	40.5	14	1.4	0	-
JEFFERSON	604	3	0.5	34	5.6	323	53.5	234	38.7	10	1.7	0	-

(CONTINUED)

TABLE B-20
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	288	2	0.7	16	5.6	138	47.9	127	44.1	5	1.7	0	-
LACKAWANNA	2,571	27	1.1	156	6.1	1,428	55.5	917	35.7	40	1.6	3	0.1
LANCASTER	6,469	64	1.0	255	3.9	3,191	49.3	2,780	43.0	173	2.7	6	0.1
LAWRENCE	1,196	9	0.8	68	5.7	604	50.5	486	40.6	29	2.4	0	-
LEBANON	1,525	10	0.7	78	5.1	761	49.9	647	42.4	28	1.8	1	0.1
LEHIGH	3,806	39	1.0	179	4.7	2,011	52.8	1,504	39.5	71	1.9	2	0.1
LUZERNE	3,602	46	1.3	191	5.3	1,894	52.6	1,400	38.9	70	1.9	1	0.0
LYCOMING	1,566	16	1.0	73	4.7	819	52.3	627	40.0	31	2.0	0	-
MCKEAN	595	6	1.0	25	4.2	269	45.2	282	47.4	12	2.0	1	0.2
MERCER	1,375	10	0.7	98	7.1	726	52.8	515	37.5	25	1.8	1	0.1
MIFFLIN	682	5	0.7	30	4.4	303	44.4	327	47.9	17	2.5	0	-
MONROE	1,105	5	0.5	44	4.0	577	52.2	450	40.7	23	2.1	6	0.5
MONTGOMERY	9,278	101	1.1	412	4.4	4,610	49.7	3,941	42.5	210	2.3	4	0.0
MONTOUR	228	2	0.9	10	4.4	129	56.6	83	36.4	4	1.8	0	-
NORTHAMPTON	2,940	32	1.1	179	6.1	1,455	49.5	1,212	41.2	58	2.0	4	0.1
NORTHUMBERLAND	1,139	12	1.1	45	4.0	619	54.3	447	39.2	16	1.4	0	-
PERRY	580	3	0.5	30	5.2	299	51.6	233	40.2	15	2.6	0	-
PHILADELPHIA	28,529	706	2.5	2,416	8.5	16,669	58.4	8,396	29.4	329	1.2	13	0.0
PIKE	306	3	1.0	14	4.6	148	48.4	135	44.1	5	1.6	1	0.3
POTTER	269	5	1.9	11	4.1	138	51.3	110	40.9	4	1.5	1	0.4
SCHUYLKILL	1,637	11	0.7	72	4.4	879	53.7	646	39.5	29	1.8	0	-
SNYDER	503	7	1.4	23	4.6	251	49.9	213	42.3	9	1.8	0	-
SOMERSET	977	11	1.1	59	6.0	559	57.2	335	34.3	13	1.3	0	-
SULLIVAN	62	0	-	1	1.6	35	56.5	25	40.3	1	1.6	0	-
SUSQUEHANNA	557	5	0.9	38	6.8	283	50.8	218	39.1	12	2.2	1	0.2
TIOGA	493	7	1.4	30	6.1	247	50.1	199	40.4	10	2.0	0	-
UNION	405	5	1.2	18	4.4	202	49.9	170	42.0	10	2.5	0	-
VENANGO	766	6	0.8	41	5.4	365	47.7	335	43.7	19	2.5	0	-
WARREN	624	5	0.8	41	6.6	317	50.8	248	39.7	12	1.9	1	0.2
WASHINGTON	2,275	20	0.9	116	5.1	1,135	49.9	965	42.4	37	1.6	2	0.1
WAYNE	491	6	1.2	21	4.3	232	47.3	213	43.4	19	3.9	0	-
WESTMORELAND	4,241	49	1.2	220	5.2	2,155	50.8	1,733	40.9	80	1.9	4	0.1
WYOMING	370	6	1.6	20	5.4	197	53.2	142	38.4	5	1.4	0	-
YORK	4,514	46	1.0	241	5.3	2,348	52.0	1,796	39.8	81	1.8	2	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

COUNTY	TOTAL BIRTHS 1983-87	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	797,294	10,124	1.3	43,865	5.5	417,528	52.4	310,259	38.9	15,039	1.9	499	0.1
ADAMS	4,972	42	0.8	235	4.7	2,593	52.2	1,990	40.0	111	2.2	1	0.0
ALLEGHENY	88,564	1,297	1.5	4,953	5.6	46,329	52.3	34,305	38.7	1,570	1.8	110	0.1
ARMSTRONG	4,938	45	0.9	262	5.3	2,562	51.9	1,979	40.1	87	1.8	3	0.1
BEAVER	11,620	135	1.2	618	5.3	6,098	52.5	4,535	39.0	232	2.0	2	0.0
BEDFORD	2,849	28	1.0	130	4.6	1,496	52.5	1,132	39.7	63	2.2	0	-
BERKS	20,873	230	1.1	952	4.6	10,499	50.3	8,777	42.0	407	1.9	8	0.0
BLAIR	8,355	111	1.3	402	4.8	4,360	52.2	3,314	39.7	167	2.0	1	0.0
BRADFORD	4,490	46	1.0	212	4.7	2,204	49.1	1,930	43.0	98	2.2	0	-
BUCKS	36,166	324	0.9	1,614	4.5	18,149	50.2	15,293	42.3	754	2.1	32	0.1
BUTLER	10,162	85	0.8	452	4.4	5,122	50.4	4,292	42.2	204	2.0	7	0.1
CAMBRIA	9,977	94	0.9	531	5.3	5,389	54.0	3,787	38.0	175	1.8	1	0.0
CAMERON	481	6	1.2	20	4.2	231	48.0	214	44.5	10	2.1	0	-
CARBON	3,020	28	0.9	159	5.3	1,641	54.3	1,124	37.2	65	2.2	3	0.1
CENTRE	6,761	61	0.9	307	4.5	3,496	51.7	2,762	40.9	131	1.9	4	0.1
CHESTER	24,741	249	1.0	1,029	4.2	12,160	49.1	10,706	43.3	576	2.3	21	0.1
CLARION	2,674	19	0.7	105	3.9	1,335	49.9	1,161	43.4	49	1.8	5	0.2
CLEARFIELD	5,529	65	1.2	330	6.0	2,928	53.0	2,114	38.2	92	1.7	0	-
CLINTON	2,324	23	1.0	131	5.6	1,191	51.2	937	40.3	41	1.8	1	0.0
COLUMBIA	3,603	27	0.7	178	4.9	1,889	52.4	1,452	40.3	55	1.5	2	0.1
CRAWFORD	6,031	55	0.9	272	4.5	3,037	50.4	2,521	41.8	140	2.3	6	0.1
CUMBERLAND	10,793	123	1.1	461	4.3	5,367	49.7	4,567	42.3	272	2.5	3	0.0
DAUPHIN	16,829	236	1.4	936	5.6	8,896	52.9	6,461	38.4	297	1.8	3	0.0
DELAWARE	39,258	444	1.1	2,020	5.1	19,667	50.1	16,275	41.5	844	2.1	8	0.0
ELK	2,630	32	1.2	107	4.1	1,377	52.4	1,069	40.6	44	1.7	1	0.0
ERIE	20,516	227	1.1	1,115	5.4	10,573	51.5	8,134	39.6	459	2.2	8	0.0
FAYETTE	9,522	80	0.8	521	5.5	5,111	53.7	3,639	38.2	168	1.8	3	0.0
FOREST	257	4	1.6	9	3.5	129	50.2	107	41.6	8	3.1	0	-
FRANKLIN	7,455	60	0.8	313	4.2	3,592	48.2	3,314	44.5	172	2.3	4	0.1
FULTON	929	4	0.4	28	3.0	487	52.4	396	42.6	14	1.5	0	-
GREENE	2,610	24	0.9	122	4.7	1,332	51.0	1,070	41.0	61	2.3	1	0.0
HUNTINGDON	2,742	15	0.5	124	4.5	1,473	53.7	1,077	39.3	53	1.9	0	-
INDIANA	5,637	61	1.1	254	4.5	2,946	52.3	2,283	40.5	91	1.6	2	0.0
JEFFERSON	3,286	23	0.7	197	6.0	1,748	53.2	1,264	38.5	53	1.6	1	0.0

(CONTINUED)

TABLE B-21
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

COUNTY	TOTAL BIRTHS 1983-87	BIRTH WEIGHT									
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	1,380	7	0.5	56	4.1	685	49.6	603	43.7	29	2.1	0	-
LACKAWANNA	13,397	131	1.0	742	5.5	7,088	52.9	5,184	38.7	246	1.8	6	0.0
LANCASTER	30,371	277	0.9	1,292	4.3	14,795	48.7	13,202	43.5	785	2.6	20	0.1
LAWRENCE	6,141	52	0.8	320	5.2	3,222	52.5	2,435	39.7	112	1.8	0	-
LEBANON	7,185	64	0.9	305	4.2	3,616	50.3	3,042	42.3	155	2.2	3	0.0
LEHIGH	17,942	202	1.1	897	5.0	9,242	51.5	7,237	40.3	358	2.0	6	0.0
LUZERNE	18,549	190	1.0	911	4.9	9,609	51.8	7,501	40.4	335	1.8	3	0.0
LYCOMING	8,127	76	0.9	397	4.9	4,163	51.2	3,334	41.0	155	1.9	2	0.0
MCKEAN	3,152	27	0.9	172	5.5	1,611	51.1	1,248	39.6	85	2.7	9	0.3
MERCER	7,291	48	0.7	381	5.2	3,811	52.3	2,889	39.6	155	2.1	7	0.1
MIFFLIN	3,195	21	0.7	138	4.3	1,563	48.9	1,384	43.3	87	2.7	2	0.1
MONROE	4,776	33	0.7	244	5.1	2,441	51.1	1,928	40.4	111	2.3	19	0.4
MONTGOMERY	44,126	489	1.1	1,964	4.5	22,000	49.9	18,686	42.3	969	2.2	18	0.0
MONTOUR	1,199	6	0.5	54	4.5	627	52.3	498	41.5	14	1.2	0	-
NORTHAMPTON	13,845	149	1.1	709	5.1	7,100	51.3	5,616	40.6	260	1.9	11	0.1
NORTHUMBERLAND	6,007	55	0.9	289	4.8	3,265	54.4	2,302	38.3	92	1.5	4	0.1
PERRY	2,661	21	0.8	134	5.0	1,345	50.5	1,109	41.7	52	2.0	0	-
PHILADELPHIA	133,451	2,956	2.2	11,159	8.4	77,833	58.3	39,806	29.8	1,610	1.2	87	0.1
PIKE	1,225	9	0.7	54	4.4	615	50.2	514	42.0	21	1.7	12	1.0
POTTER	1,364	10	0.7	57	4.2	707	51.8	555	40.7	34	2.5	1	0.1
SCHUYLKILL	8,690	83	1.0	445	5.1	4,645	53.5	3,368	38.8	148	1.7	1	0.0
SNYDER	2,502	22	0.9	118	4.7	1,261	50.4	1,044	41.7	53	2.1	4	0.2
SOMERSET	5,090	60	1.2	294	5.8	2,783	54.7	1,874	36.8	79	1.6	0	-
SULLIVAN	316	3	0.9	6	1.9	155	49.1	143	45.3	9	2.8	0	-
SUSQUEHANNA	2,767	32	1.2	138	5.0	1,408	50.9	1,125	40.7	62	2.2	2	0.1
TIOGA	2,589	28	1.1	139	5.4	1,296	50.1	1,053	40.7	70	2.7	3	0.1
UNION	2,164	23	1.1	95	4.4	1,070	49.4	920	42.5	55	2.5	1	0.0
VENANGO	4,081	36	0.9	202	4.9	2,002	49.1	1,735	42.5	105	2.6	1	0.0
WARREN	3,092	29	0.9	159	5.1	1,544	49.9	1,291	41.8	67	2.2	2	0.1
WASHINGTON	12,213	145	1.2	577	4.7	6,230	51.0	5,039	41.3	217	1.8	5	0.0
WAYNE	2,427	22	0.9	98	4.0	1,179	48.6	1,055	43.5	72	3.0	1	0.0
WESTMORELAND	21,883	236	1.1	1,058	4.8	11,246	51.4	8,932	40.8	397	1.8	14	0.1
WYOMING	1,954	28	1.4	98	5.0	1,030	52.7	754	38.6	42	2.1	2	0.1
YORK	21,548	251	1.2	1,064	4.9	10,934	50.7	8,852	41.1	435	2.0	12	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: VERY LOW BIRTH WEIGHT IS DEFINED AS 1499 GRAMS AND LESS.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

FIGURE B-7
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

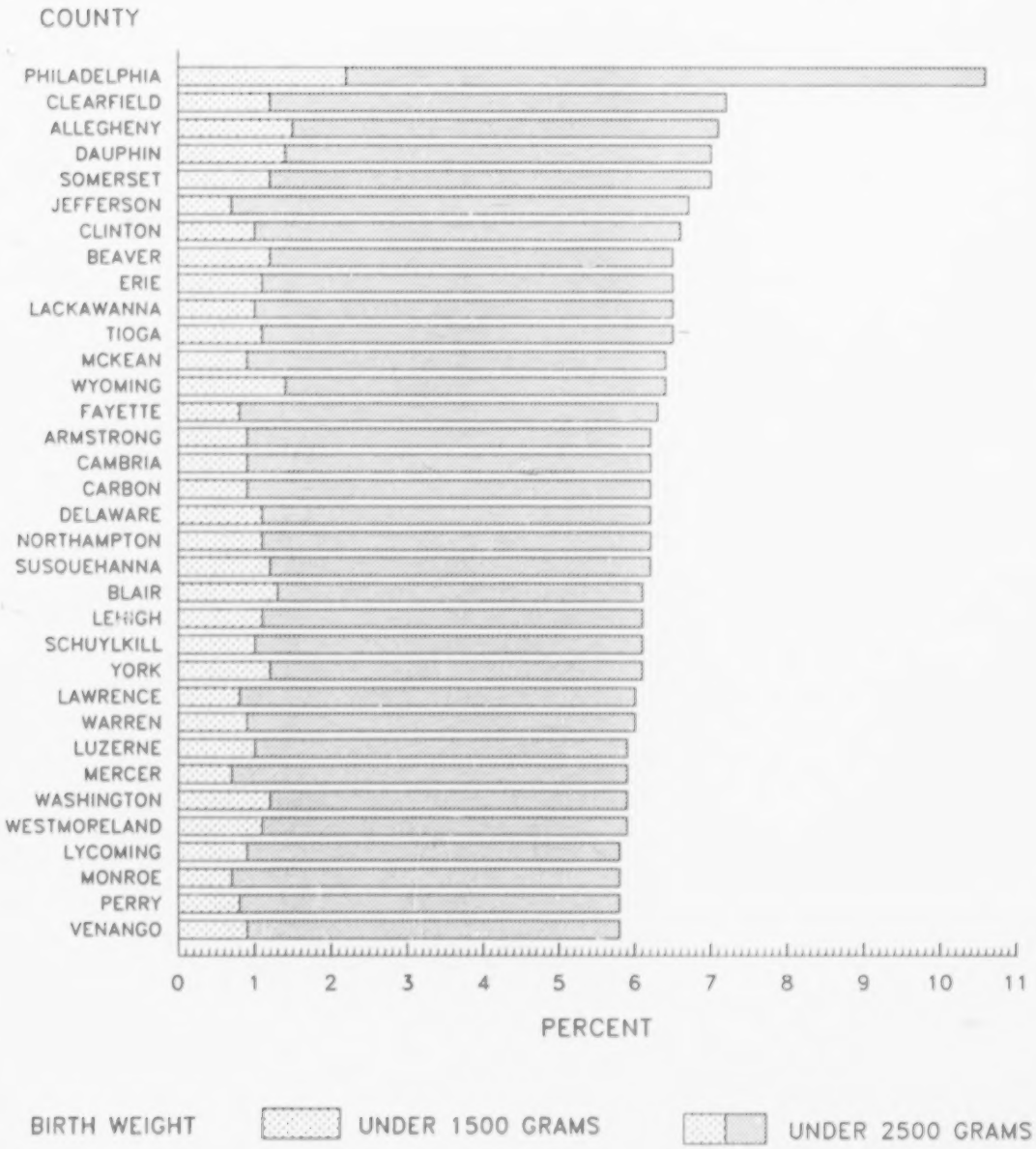
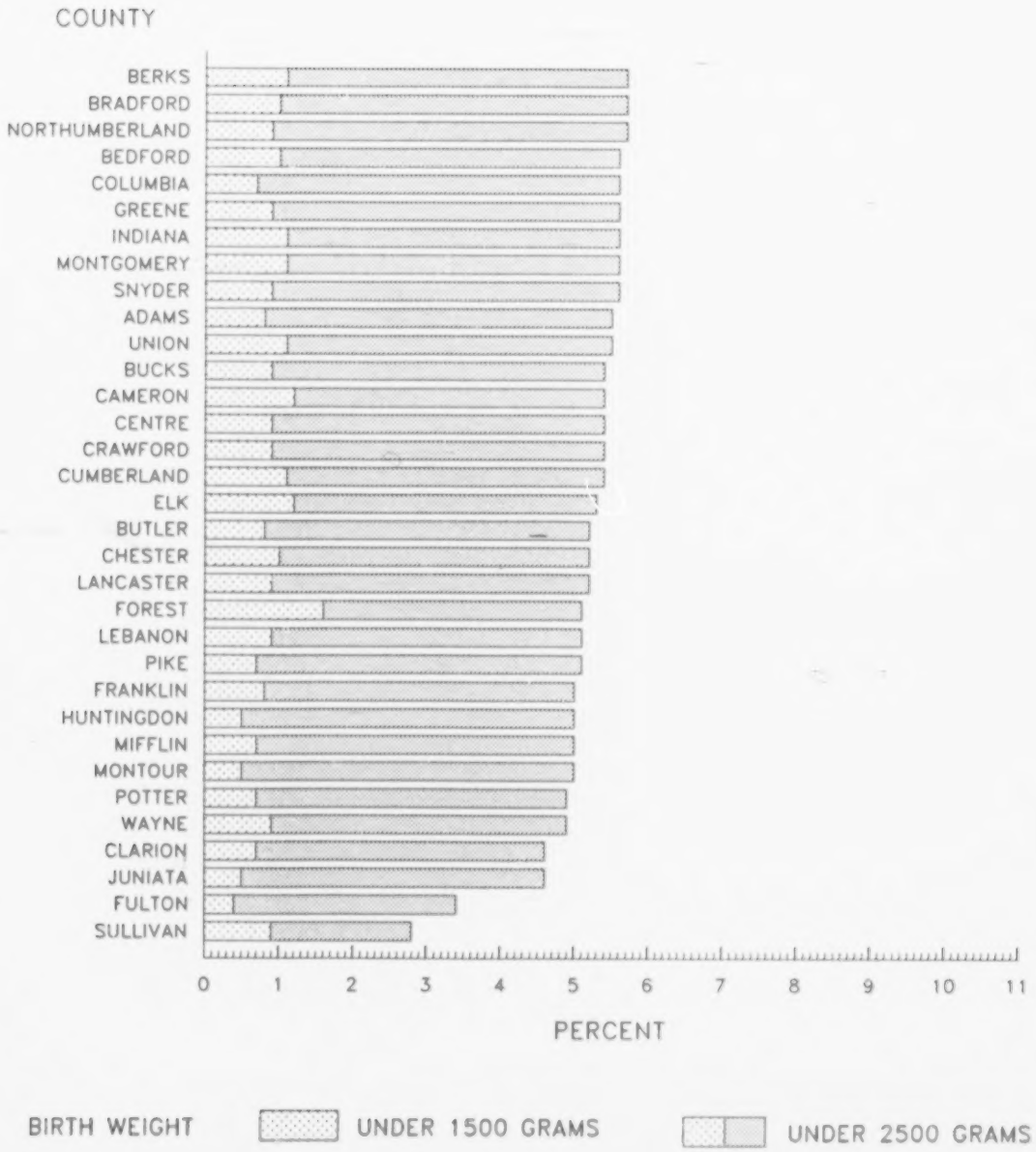


FIGURE B-7 (CONTINUED)
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987



NOTE: THE STATE PERCENTAGES FOR VERY LOW BIRTH WEIGHT (UNDER 1500 GRAMS) AND LOW BIRTH WEIGHT (UNDER 2500 GRAMS) ARE 1.3 AND 5.5 PERCENT, RESPECTIVELY.

TABLE B-22
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	162,348	4,369	2.7	22,608	13.9	77,040	47.5	27,239	16.8	29,153	18.0	1,939	1.2
ADAMS	1,023	29	2.8	172	16.8	557	54.4	132	12.9	133	13.0	0	-
ALLEGHENY	17,683	169	1.0	1,663	9.4	8,121	45.9	3,276	18.5	4,279	24.2	175	1.0
ARMSTRONG	933	8	0.9	118	12.6	558	59.8	143	15.3	104	11.1	2	0.2
BEAVER	2,244	25	1.1	262	11.7	1,177	52.5	498	22.2	272	12.1	10	0.4
BEDFORD	567	11	1.9	79	13.9	346	61.0	75	13.2	51	9.0	5	0.9
BERKS	4,327	167	3.9	670	15.5	2,017	46.6	777	18.0	691	16.0	5	0.1
BLAIR	1,650	27	1.6	268	16.2	920	55.8	267	16.2	165	10.0	3	0.2
BRADFORD	871	25	2.9	158	18.1	444	51.0	156	17.9	85	9.8	3	0.3
BUCKS	7,647	41	0.5	513	6.7	3,621	47.4	1,553	20.3	1,838	24.0	81	1.1
BUTLER	1,953	10	0.5	211	10.8	993	50.8	396	20.3	337	17.3	6	0.3
CAMBRIA	1,833	25	1.4	200	10.9	1,064	58.0	324	17.7	220	12.0	0	-
CAMERON	93	2	2.2	15	16.1	50	53.8	16	17.2	7	7.5	3	3.2
CARBON	627	10	1.6	91	14.5	344	54.9	131	20.9	49	7.8	2	0.3
CENTRE	1,411	38	2.7	97	6.9	564	40.0	248	17.6	453	32.1	11	0.8
CHESTER	5,394	119	2.2	312	5.8	1,743	32.3	846	15.7	1,754	32.5	620	11.5
CLARION	523	28	5.4	63	12.0	273	52.2	92	17.6	66	12.6	1	0.2
CLEARFIELD	1,077	18	1.7	159	14.8	613	56.9	179	16.6	107	9.9	1	0.1
CLINTON	434	15	3.5	75	17.3	236	54.4	63	14.5	45	10.4	0	-
COLUMBIA	668	14	2.1	94	14.1	350	52.4	109	16.3	100	15.0	1	0.1
CRAWFORD	1,118	111	9.9	124	11.1	564	50.4	161	14.4	155	13.9	3	0.3
CUMBERLAND	2,160	56	2.6	186	8.6	1,028	47.6	374	17.3	507	23.5	9	0.4
DAUPHIN	3,431	88	2.6	565	16.5	1,553	45.3	595	17.3	601	17.5	29	0.8
DELAWARE	8,038	88	1.1	669	8.3	3,721	46.3	1,375	17.1	2,086	26.0	99	1.2
ELK	489	2	0.4	44	9.0	291	59.5	97	19.8	54	11.0	1	0.2
ERIE	3,904	70	1.8	615	15.8	1,987	50.9	600	15.4	625	16.0	7	0.2
FAYETTE	1,829	58	3.2	406	22.2	998	54.6	215	11.8	148	8.1	4	0.2
FOREST	39	2	5.1	5	12.8	27	69.2	2	5.1	3	7.7	0	-
FRANKLIN	1,542	43	2.8	247	16.0	851	55.2	218	14.1	182	11.8	1	0.1
FULTON	196	5	2.6	38	19.4	113	57.7	30	15.3	10	5.1	0	-
GREENE	499	12	2.4	94	18.8	263	52.7	66	13.2	64	12.8	0	-
HUNTINGDON	554	9	1.6	88	15.9	319	57.6	79	14.3	59	10.6	0	-
INDIANA	1,023	80	7.8	122	11.9	504	49.3	147	14.4	162	15.8	8	0.8
JEFFERSON	604	14	2.3	84	13.9	349	57.8	87	14.4	70	11.6	0	-

(CONTINUED)

TABLE B-22
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	288	20	6.9	46	16.0	162	56.3	38	13.2	21	7.3	1	0.3
LACKAWANNA	2,571	33	1.3	329	12.8	1,171	45.5	600	23.3	430	16.7	8	0.3
LANCASTER	6,469	990	15.3	988	15.3	2,672	41.3	884	13.7	918	14.2	17	0.3
LAWRENCE	1,196	56	4.7	167	14.0	650	54.3	188	15.7	133	11.1	2	0.2
LEBANON	1,525	57	3.7	240	15.7	836	54.8	209	13.7	181	11.9	2	0.1
LEHIGH	3,806	79	2.1	485	12.7	1,700	44.7	760	20.0	766	20.1	16	0.4
LUZERNE	3,602	55	1.5	456	12.7	1,759	48.8	787	21.8	541	15.0	4	0.1
LYCOMING	1,566	40	2.6	286	18.3	753	48.1	295	18.8	188	12.0	4	0.3
MCKEAN	595	9	1.5	116	19.5	284	47.7	105	17.6	70	11.8	11	1.8
MERCER	1,375	63	4.6	188	13.7	715	52.0	221	16.1	187	13.6	1	0.1
MIFFLIN	682	96	14.1	92	13.5	364	53.4	74	10.9	56	8.2	0	-
MONROE	1,105	10	0.9	123	11.1	568	51.4	197	17.8	196	17.7	11	1.0
MONTGOMERY	9,278	49	0.5	559	6.0	3,477	37.5	1,764	19.0	3,399	36.6	30	0.3
MONTOUR	226	13	5.7	24	10.5	95	41.7	43	18.9	53	23.2	0	-
NORTHAMPTON	2,940	53	1.8	384	13.1	1,379	46.9	559	19.0	546	18.6	19	0.6
NORTHUMBERLAND	1,139	24	2.1	164	14.4	660	57.9	183	16.1	108	9.5	0	-
PERRY	580	15	2.6	87	15.0	338	58.3	86	14.8	54	9.3	0	-
PHILADELPHIA	28,529	886	3.1	6,963	24.4	12,885	45.2	3,875	13.6	3,242	11.4	676	2.4
PIKE	306	0	-	23	7.5	170	55.6	64	20.9	42	13.7	7	2.3
POTTER	269	2	0.7	40	14.9	162	60.2	39	14.5	20	7.4	6	2.2
SCHUYLKILL	1,637	25	1.5	263	16.1	925	56.5	284	17.3	139	8.5	1	0.1
SNYDER	503	76	15.1	65	12.9	250	49.7	55	10.9	56	11.1	1	0.2
SOMERSET	977	47	4.8	141	14.4	551	56.4	139	14.2	97	9.9	2	0.2
SULLIVAN	62	2	3.2	7	11.3	31	50.0	14	22.6	8	12.9	0	-
SUSQUEHANNA	557	14	2.5	68	12.2	318	57.1	85	15.3	68	12.2	4	0.7
TIOGA	493	7	1.4	95	19.3	243	49.3	89	18.1	58	11.8	1	0.2
UNION	405	42	10.4	54	13.3	194	47.9	51	12.6	63	15.6	1	0.2
VENANGO	766	19	2.5	122	15.9	423	55.2	112	14.6	90	11.7	0	-
WARREN	624	20	3.2	73	11.7	316	50.6	131	21.0	84	13.5	0	-
WASHINGTON	2,275	24	1.1	312	13.7	1,194	52.5	391	17.2	351	15.4	3	0.1
WAYNE	491	8	1.6	60	12.2	252	51.3	92	18.7	78	15.9	1	0.2
WESTMORELAND	4,241	37	0.9	364	8.6	2,323	54.8	812	19.1	696	16.4	9	0.2
WYOMING	370	6	1.6	65	17.6	199	53.8	56	15.1	44	11.9	0	-
YORK	4,514	71	1.6	652	14.4	2,462	54.5	630	14.0	688	15.2	11	0.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-23
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
ALL COUNTIES	162,348	121,246	74.7	4,673	3.9	116,551	96.1	41,083	25.3	13,034	31.7	28,021	68.2
ADAMS	1,023	811	79.3	38	4.7	773	95.3	212	20.7	74	34.9	138	65.1
ALLEGHENY	17,683	13,361	75.6	275	2.1	13,081	97.9	4,319	24.4	1,269	29.4	3,049	70.6
ARMSTRONG	933	788	84.5	55	7.0	733	93.0	145	15.5	55	37.9	90	62.1
BEAVER	2,244	1,737	77.4	58	3.3	1,679	96.7	505	22.5	155	30.7	350	69.3
BEDFORD	567	466	82.2	41	8.8	425	91.2	101	17.8	41	40.6	60	59.4
BERKS	4,327	3,360	77.7	146	4.3	3,214	95.7	966	22.3	316	32.7	650	67.3
BLAIR	1,650	1,270	77.0	86	6.8	1,184	93.2	380	23.0	165	43.4	215	56.6
BRADFORD	871	680	78.1	49	7.2	631	92.8	191	21.9	71	37.2	120	62.8
BUCKS	7,647	6,608	86.4	127	1.9	6,481	98.1	1,039	13.6	323	31.1	715	68.8
BUTLER	1,953	1,701	87.1	73	4.3	1,627	95.6	252	12.9	93	36.9	159	63.1
CAMBRIA	1,833	1,492	81.4	88	5.9	1,404	94.1	341	18.6	155	45.5	186	54.5
CAMERON	93	70	75.3	5	7.1	65	92.9	23	24.7	15	65.2	8	34.8
CARBON	627	488	77.8	26	5.3	462	94.7	139	22.2	47	33.8	92	66.2
CENTRE	1,411	1,239	87.8	40	3.2	1,199	96.8	169	12.0	59	34.9	110	65.1
CHESTER	5,394	4,598	85.2	87	1.9	4,510	98.1	796	14.8	230	28.9	564	70.9
CLARION	523	443	84.7	33	7.4	410	92.6	80	15.3	30	37.5	50	62.5
CLEARFIELD	1,077	878	81.5	76	8.7	802	91.3	199	18.5	76	38.2	123	61.8
CLINTON	434	322	74.2	22	6.8	300	93.2	111	25.6	42	37.8	69	62.2
COLUMBIA	668	554	82.9	31	5.6	523	94.4	114	17.1	29	25.4	85	74.6
CRAWFORD	1,118	935	83.6	42	4.5	893	95.5	183	16.4	65	35.5	118	64.5
CUMBERLAND	2,160	1,867	86.4	73	3.9	1,794	96.1	293	13.6	98	33.4	195	66.6
DAUPHIN	3,431	2,325	67.8	89	3.8	2,236	96.2	1,106	32.2	372	33.6	733	66.3
DELAWARE	8,038	6,415	79.8	109	1.7	6,305	98.3	1,622	20.2	502	30.9	1,119	69.0
ELK	489	407	83.2	23	5.7	384	94.3	82	16.8	33	40.2	49	59.8
ERIE	3,904	2,894	74.1	118	4.1	2,776	95.9	1,009	25.8	352	34.9	657	65.1
FAYETTE	1,829	1,360	74.4	124	9.1	1,236	90.9	469	25.6	182	38.8	287	61.2
FOREST	39	26	66.7	4	15.4	22	84.6	13	33.3	5	38.5	8	61.5
FRANKLIN	1,542	1,280	83.0	83	6.5	1,197	93.5	262	17.0	101	38.5	161	61.5
FULTON	196	156	79.6	15	9.6	141	90.4	40	20.4	19	47.5	21	52.5
GREENE	499	398	79.8	37	9.3	361	90.7	101	20.2	36	35.6	65	64.4
HUNTINGDON	554	427	77.1	26	6.1	401	93.9	127	22.9	52	40.9	75	59.1
INDIANA	1,023	898	87.8	58	6.5	839	93.4	125	12.2	53	42.4	72	57.6
JEFFERSON	604	518	85.8	42	8.1	476	91.9	86	14.2	41	47.7	45	52.3

(CONTINUED)

TABLE B-23
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED				
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)		
				19 & UNDER		OVER 19				19 & UNDER		OVER 19
		NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER %***
JUNIATA	288	239	83.0	23	9.6	216	90.4	49	17.0	15	30.6	34 69.4
LACKAWANNA	2,571	2,096	81.5	71	3.4	2,025	96.6	475	18.5	151	31.8	324 68.2
LANCASTER	6,469	5,332	82.4	194	3.6	5,138	96.4	1,137	17.6	400	35.2	737 64.8
LAWRENCE	1,196	964	80.6	44	4.6	919	95.3	232	19.4	94	40.5	138 59.5
LEBANON	1,525	1,254	82.2	68	5.4	1,186	94.6	271	17.8	90	33.2	181 66.8
LEHIGH	3,806	2,996	78.7	99	3.3	2,897	96.7	810	21.3	238	29.4	572 70.6
LUZERNE	3,602	2,887	80.1	138	4.8	2,749	95.2	715	19.9	247	34.5	467 65.3
LYCOMING	1,566	1,162	74.2	70	6.0	1,092	94.0	404	25.8	150	37.1	254 62.9
MCKEAN	595	451	75.8	41	9.1	410	90.9	144	24.2	57	39.6	86 59.7
MERCER	1,375	1,109	80.7	66	6.0	1,043	94.0	266	19.3	81	30.5	185 69.5
MIFFLIN	682	537	78.7	29	5.4	508	94.6	145	21.3	54	37.2	91 62.8
MONROE	1,105	946	85.6	24	2.5	922	97.5	159	14.4	46	28.9	113 71.1
MONTGOMERY	9,278	8,076	87.0	131	1.6	7,944	98.4	1,202	13.0	332	27.6	869 72.3
MONTOUR	228	195	85.5	7	3.6	188	96.4	33	14.5	11	33.3	22 66.7
NORTHAMPTON	2,940	2,329	79.2	80	3.4	2,248	96.5	611	20.8	206	33.7	405 66.3
NORTHUMBERLAND	1,139	927	81.4	77	8.3	850	91.7	212	18.6	89	42.0	123 58.0
PERRY	580	471	81.2	19	4.0	452	96.0	109	18.8	42	38.5	67 61.5
PHILADELPHIA	28,529	13,282	46.6	475	3.6	12,800	96.4	15,240	53.4	4,404	28.9	10,817 71.0
PIKE	306	261	85.3	6	2.3	255	97.7	45	14.7	11	24.4	34 75.6
POTTER	269	216	80.3	19	8.8	197	91.2	53	19.7	18	34.0	35 66.0
SCHUYLKILL	1,637	1,305	79.7	86	6.6	1,219	93.4	332	20.3	158	47.6	174 52.4
SNYDER	503	440	87.5	35	8.0	404	91.8	63	12.5	27	42.9	36 57.1
SOMERSET	977	836	85.6	57	6.8	779	93.2	141	14.4	55	39.0	86 61.0
SULLIVAN	62	51	82.3	4	7.8	47	92.2	11	17.7	3	27.3	8 72.7
SUSQUEHANNA	557	455	81.7	29	6.4	426	93.6	102	18.3	35	34.3	67 65.7
TIOGA	493	386	78.3	32	8.3	354	91.7	107	21.7	32	29.9	75 70.1
UNION	405	355	87.7	26	7.3	329	92.7	50	12.3	16	32.0	34 68.0
VENANGO	766	622	81.2	39	6.3	583	93.7	144	18.8	54	37.5	90 62.5
WARREN	624	507	81.3	24	4.7	483	95.3	117	18.8	37	31.6	80 68.4
WASHINGTON	2,275	1,888	83.0	97	5.1	1,791	94.9	387	17.0	131	33.9	256 66.1
WAYNE	491	426	86.8	17	4.0	408	95.8	65	13.2	18	27.7	47 72.3
WESTMORELAND	4,241	3,644	85.9	176	4.8	3,468	95.2	597	14.1	201	33.7	396 66.3
WYOMING	370	287	77.6	19	6.6	268	93.4	83	22.4	34	41.0	49 59.0
YORK	4,514	3,542	78.5	152	4.3	3,389	95.7	972	21.5	341	35.1	631 64.9

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH COUNTY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH COUNTY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-24
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
ALL COUNTIES	162,348	124,299	76.6	25,075	15.4	6,103	3.8	4,578	2.8	2,293	1.4
ADAMS	1,023	825	80.6	161	15.7	33	3.2	1	0.1	3	0.3
ALLEGHENY	17,683	14,831	83.9	1,938	11.0	392	2.2	352	2.0	170	1.0
ARMSTRONG	933	756	81.0	134	14.4	22	2.4	14	1.5	7	0.8
BEAVER	2,244	1,852	82.5	302	13.5	58	2.6	14	0.6	18	0.8
BEDFORD	567	342	60.3	97	17.1	36	6.3	86	15.2	6	1.1
BERKS	4,327	3,406	78.7	717	16.6	141	3.3	21	0.5	42	1.0
BLAIR	1,650	1,359	82.4	229	13.9	39	2.4	8	0.5	15	0.9
BRADFORD	871	662	76.0	168	19.3	35	4.0	3	0.3	3	0.3
BUCKS	7,647	6,443	84.3	787	10.3	177	2.3	176	2.3	64	0.8
BUTLER	1,953	1,562	80.0	291	14.9	60	3.1	22	1.1	18	0.9
CAMBRIA	1,833	1,532	83.6	253	13.8	39	2.1	5	0.3	4	0.2
CAMERON	93	75	80.6	11	11.8	5	5.4	0	-	2	2.2
CARBON	627	498	79.4	94	15.0	25	4.0	6	1.0	4	0.6
CENTRE	1,411	1,098	77.8	243	17.2	51	3.6	2	0.1	17	1.2
CHESTER	5,394	4,268	79.1	788	14.6	198	3.7	100	1.9	40	0.7
CLARION	523	435	83.2	69	13.2	13	2.5	2	0.4	4	0.8
CLEARFIELD	1,077	873	81.1	163	15.1	30	2.8	3	0.3	8	0.7
CLINTON	434	351	80.9	64	14.7	17	3.9	2	0.5	0	-
COLUMBIA	668	544	81.4	77	11.5	34	5.1	5	0.7	8	1.2
CRAWFORD	1,118	864	77.3	168	15.0	65	5.8	9	0.8	12	1.1
CUMBERLAND	2,160	1,747	80.9	324	15.0	65	3.0	14	0.6	10	0.5
DAUPHIN	3,431	2,525	73.6	673	19.6	171	5.0	30	0.9	32	0.9
DELAWARE	8,038	6,691	83.2	900	11.2	204	2.5	163	2.0	80	1.0
ELK	489	442	90.4	35	7.2	8	1.6	1	0.2	3	0.6
ERIE	3,904	3,054	78.2	564	14.4	131	3.4	116	3.0	39	1.0
FAYETTE	1,829	1,369	74.8	375	20.5	67	3.7	4	0.2	14	0.8
FOREST	39	29	74.4	7	17.9	1	2.6	1	2.6	1	2.6
FRANKLIN	1,542	1,150	74.6	324	21.0	55	3.6	5	0.3	8	0.5
FULTON	196	140	71.4	41	20.9	12	6.1	1	0.5	2	1.0
GREENE	499	392	78.6	87	17.4	12	2.4	7	1.4	1	0.2
HUNTINGDON	554	439	79.2	98	17.7	15	2.7	2	0.4	0	-
INDIANA	1,023	826	80.7	134	13.1	47	4.6	8	0.8	8	0.8
JEFFERSON	604	515	85.3	76	12.6	7	1.2	2	0.3	4	0.7

(CONTINUED)

TABLE B-24
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
JUNIATA	288	237	82.3	41	14.2	9	3.1	1	0.3	0	-
LACKAWANNA	2,571	2,139	83.2	333	13.0	57	2.2	11	0.4	31	1.2
LANCASTER	6,469	5,013	77.5	1,184	18.3	202	3.1	35	0.5	35	0.5
LAWRENCE	1,196	979	81.9	161	13.5	35	2.9	13	1.1	8	0.7
LEBANON	1,525	1,180	77.4	292	19.1	40	2.6	2	0.1	11	0.7
LEHIGH	3,806	3,241	85.2	421	11.1	89	2.3	27	0.7	28	0.7
LUZERNE	3,602	3,035	84.3	439	12.2	79	2.2	19	0.5	30	0.8
LYCOMING	1,566	995	63.5	480	30.7	75	4.8	11	0.7	5	0.3
MCKEAN	595	414	69.6	137	23.0	26	4.4	14	2.4	4	0.7
MERCER	1,375	1,096	79.7	196	14.3	67	4.9	12	0.9	4	0.3
MIFFLIN	682	533	78.2	91	13.3	47	6.9	3	0.4	8	1.2
MONROE	1,105	817	73.9	177	16.0	78	7.1	23	2.1	10	0.9
MONTGOMERY	9,278	7,845	84.6	904	9.7	262	2.8	200	2.2	67	0.7
MONTOUR	228	179	78.5	37	16.2	10	4.4	1	0.4	1	0.4
NORTHAMPTON	2,940	2,515	85.5	321	10.9	67	2.3	24	0.8	13	0.4
NORTHUMBERLAND	1,139	858	75.3	228	20.0	44	3.9	3	0.3	6	0.5
PERRY	580	442	76.2	113	19.5	18	3.1	2	0.3	5	0.9
PHILADELPHIA	28,529	16,037	56.2	6,293	22.1	2,107	7.4	2,833	9.9	1,259	4.4
PIKE	306	241	78.8	39	12.7	18	5.9	4	1.3	4	1.3
POTTER	269	204	75.8	52	19.3	8	3.0	4	1.5	1	0.4
SCHUYLKILL	1,637	1,353	82.7	218	13.3	41	2.5	4	0.2	21	1.3
SNYDER	503	371	73.8	98	19.5	29	5.8	3	0.6	2	0.4
SOMERSET	977	772	79.0	166	17.0	32	3.3	4	0.4	3	0.3
SULLIVAN	62	44	71.0	16	25.8	2	3.2	0	-	0	-
SUSQUEHANNA	557	417	74.9	106	19.0	27	4.8	5	0.9	2	0.4
TIOGA	493	382	77.5	89	18.1	14	2.8	4	0.8	4	0.8
UNION	405	324	80.0	65	16.0	12	3.0	0	-	4	1.0
VENANGO	766	649	84.7	98	12.8	13	1.7	3	0.4	3	0.4
WARREN	624	491	78.7	97	15.5	25	4.0	3	0.5	8	1.3
WASHINGTON	2,275	1,751	77.0	390	17.1	78	3.4	30	1.3	26	1.1
WAYNE	491	384	78.2	83	16.9	15	3.1	6	1.2	3	0.6
WESTMORELAND	4,241	3,484	82.2	592	14.0	85	2.0	61	1.4	19	0.4
WYOMING	370	252	68.1	91	24.6	20	5.4	3	0.8	4	1.1
YORK	4,514	3,730	82.6	635	14.1	107	2.4	25	0.6	17	0.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-25
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY, PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL COUNTIES	162,348	156,641	3,142	84	169	763	1,275	209	65
ADAMS	1,023	1,001	12	0	0	1	8	1	0
ALLEGHENY	17,683	17,446	154	4	4	32	39	4	0
ARMSTRONG	933	928	0	0	0	3	2	0	0
BEAVER	2,244	2,224	1	1	0	11	1	4	2
BEDFORD	567	554	7	0	0	0	6	0	0
BERKS	4,327	3,991	217	0	12	73	29	2	3
BLAIR	1,650	1,638	3	0	0	2	2	5	0
BRADFORD	871	751	114	1	0	1	0	4	0
BUCKS	7,647	7,482	84	2	6	21	47	5	0
BUTLER	1,953	1,945	2	0	0	3	2	1	0
CAMBRIA	1,833	1,814	17	0	0	0	0	2	0
CAMERON	93	93	0	0	0	0	0	0	0
CARBON	627	624	0	0	0	1	1	0	1
CENTRE	1,411	1,333	35	0	3	1	37	2	0
CHESTER	5,394	5,125	125	5	3	39	88	9	0
CLARION	523	510	0	0	0	0	11	2	0
CLEARFIELD	1,077	1,076	0	0	0	0	0	1	0
CLINTON	434	303	120	0	0	0	10	1	0
COLUMBIA	668	658	1	0	0	5	4	0	0
CRAWFORD	1,118	1,069	0	1	0	3	39	6	0
CUMBERLAND	2,160	2,060	40	2	4	3	42	8	1
DAUPHIN	3,431	3,256	62	16	73	3	16	3	2
DELAWARE	8,038	7,836	142	1	8	13	30	7	1
ELK	489	488	0	1	0	0	0	0	0
ERIE	3,904	3,887	0	5	1	3	0	7	1
FAYETTE	1,829	1,824	2	2	0	1	0	0	0
FOREST	39	38	0	0	0	0	1	0	0
FRANKLIN	1,542	1,484	4	0	0	1	48	5	0
FULTON	196	194	1	0	0	0	0	1	0
GREENE	499	498	0	1	0	0	0	0	0
HUNTINGDON	554	411	137	2	0	0	4	0	0
INDIANA	1,023	990	0	0	0	1	0	32	0
JEFFERSON	604	602	0	0	0	1	0	1	0

(CONTINUED)

TABLE B-25
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY, PENNSYLVANIA, 1987

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
JUNIATA	288	231	29	1	1	1	25	0	0
LACKAWANNA	2,571	2,503	57	3	0	6	0	2	0
LANCASTER	6,469	5,804	5	1	1	367	279	7	5
LAWRENCE	1,196	1,173	2	0	0	5	13	2	1
LEBANON	1,525	1,444	5	6	1	45	7	2	15
LEHIGH	3,806	3,722	1	1	4	4	70	3	1
LUZERNE	3,602	3,504	75	1	12	8	0	2	0
LYCOMING	1,566	1,346	213	1	0	1	4	1	0
MCKEAN	595	593	0	0	0	1	0	1	0
MERCER	1,375	1,337	2	3	0	0	24	8	1
MIFFLIN	682	505	108	0	0	0	61	5	3
MONROE	1,105	1,078	2	0	0	7	16	1	1
MONTGOMERY	9,278	9,077	127	1	3	9	56	5	0
MONTOUR	228	216	0	0	0	0	12	0	0
NORTHAMPTON	2,940	2,891	2	0	4	6	34	2	1
NORTHUMBERLAND	1,139	1,118	6	0	0	3	11	0	1
PERRY	560	532	30	0	8	0	10	0	0
PHILADELPHIA	28,529	27,364	1,026	14	14	39	37	28	7
PIKE	306	271	30	0	0	1	2	2	0
POTTER	269	268	0	0	0	0	0	1	0
SCHUYLKILL	1,637	1,612	3	4	0	8	3	3	4
SNYDER	503	431	5	0	0	0	63	0	4
SOMERSET	977	953	13	0	0	6	0	4	1
SULLIVAN	62	55	7	0	0	0	0	0	0
SUSQUEHANNA	557	526	28	0	0	1	0	2	0
TIOGA	493	478	14	0	0	0	0	1	0
UNION	405	376	4	0	0	0	23	2	0
VENANGO	766	757	1	0	0	2	5	1	0
WARREN	624	613	0	1	0	0	4	2	4
WASHINGTON	2,275	2,259	5	0	3	4	2	2	0
WAYNE	491	441	42	0	0	6	1	1	0
WESTMORELAND	4,241	4,221	6	0	0	7	5	1	1
WYOMING	370	366	2	1	0	1	0	0	0
YORK	4,514	4,443	12	2	4	3	41	5	4

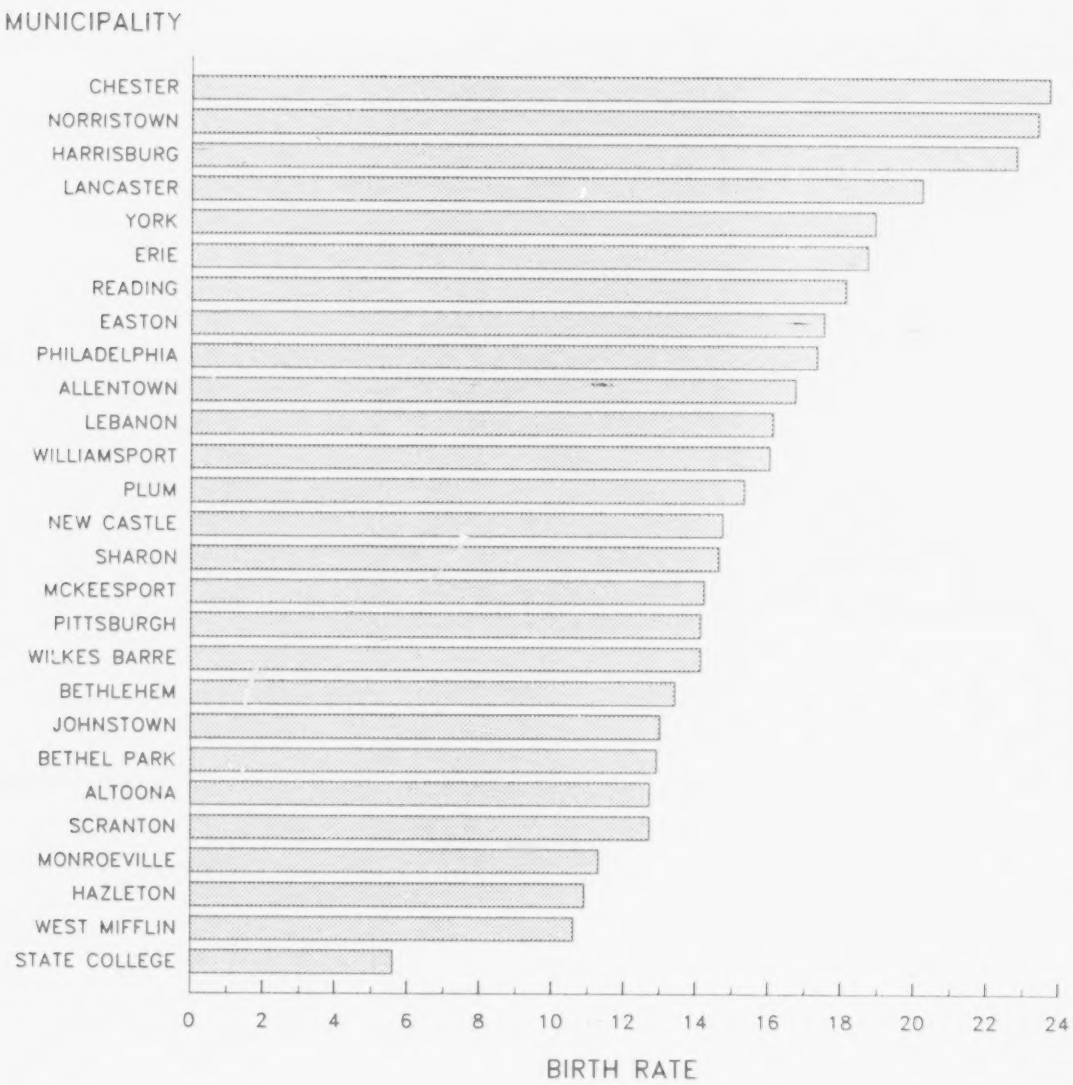
TABLE B-26
RESIDENT LIVE BIRTHS BY SEX, RACE AND SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL BIRTHS	RATE*	WHITE**			ALL OTHER		
			TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
STATE TOTAL	162,348	13.6	135,204	69,479	65,725	27,144	13,695	13,449
ALLENTOWN	1,752	16.7	1,542	740	802	210	115	95
ALTOONA	668	12.7	645	329	316	23	9	14
BETHEL PARK	439	12.9	432	215	217	7	4	3
BETHLEHEM	953	13.4	869	430	439	84	48	36
CHESTER	1,029	23.7	284	141	143	745	372	373
EASTON	473	17.5	420	193	227	53	24	29
ERIE	2,139	18.7	1,741	879	862	398	196	202
HARRISBURG	1,172	22.8	438	234	204	734	351	383
HAZLETON	273	10.9	268	146	122	5	3	2
JOHNSTOWN	406	13.0	353	181	172	53	30	23
LANCASTER	1,173	20.2	873	439	434	300	153	147
LEBANON	428	16.1	417	232	185	11	4	7
MCKEESPORT	375	14.2	273	141	132	102	57	45
MONROEVILLE	332	11.3	297	136	161	35	15	20
NEW CASTLE	440	14.7	374	199	175	66	28	38
NORRISTOWN	784	23.4	513	274	239	271	139	132
PHILADELPHIA	28,529	17.3	13,049	6,722	6,327	15,480	7,769	7,711
PITTSBURGH	5,379	14.1	2,986	1,530	1,456	2,393	1,219	1,174
PLUM	385	15.3	372	184	188	13	7	6
READING	1,402	18.1	1,178	606	572	224	125	99
SCRANTON	1,036	12.7	969	482	487	67	37	30
SHARON	230	14.6	187	99	88	43	21	22
STATE COLLEGE	189	5.6	149	83	66	40	22	18
WEST MIFFLIN	257	10.6	219	110	109	38	19	19
WILKES BARRE	670	14.1	623	321	302	47	23	24
WILLIAMSPORT	505	16.0	461	244	217	44	25	19
YORK	841	18.9	550	263	287	291	161	130
ALL OTHER AREAS	110,089	12.6	104,722	53,926	50,796	5,367	2,719	2,648

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA.
** UNKNOWN RACE OF CHILD INCLUDED IN THE WHITE CATEGORY.
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE B-8
RESIDENT LIVE BIRTH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1987



NOTE: RATE PER 1,000 POPULATION, 1987. SEE TABLE B-26 FOR CORRESPONDING DATA.

TABLE B-27
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
STATE TOTAL	162,348	385	17,325	42,166	54,654	35,674	10,644	1,396	50	54
ALLENTOWN	1,752	2	222	547	593	307	72	8	1	0
ALTOONA	668	2	110	199	191	123	39	4	0	0
BETHEL PARK	439	0	9	36	183	162	42	7	0	0
BETHLEHEM	953	1	115	245	319	208	58	7	0	0
CHESTER	1,029	18	207	378	264	116	42	2	0	2
EASTON	473	2	68	145	145	90	20	2	0	1
ERIE	2,139	8	286	581	700	435	113	16	0	0
HARRISBURG	1,172	15	260	396	305	150	41	5	0	0
HAZLETON	273	0	40	73	85	59	13	3	0	0
JOHNSTOWN	406	0	84	129	122	58	12	1	0	0
LANCASTER	1,173	7	255	368	303	172	58	10	0	0
LEBANON	428	1	69	154	129	60	11	3	1	0
MCKEESPORT	375	4	66	126	96	61	18	4	0	0
MONROEVILLE	332	1	17	51	106	110	43	4	0	0
NEW CASTLE	440	2	70	133	144	71	17	2	0	1
NORRISTOWN	784	3	92	212	297	144	35	1	0	0
PHILADELPHIA	28,529	171	4,709	8,497	8,375	4,938	1,565	234	12	28
PITTSBURGH	5,379	22	763	1,477	1,657	1,060	362	36	0	2
PLUM	385	0	12	63	157	120	31	2	0	0
READING	1,402	9	270	481	407	172	57	6	0	0
SCRANTON	1,036	2	116	272	342	228	67	9	0	0
SHARON	230	0	36	70	70	45	7	2	0	0
STATE COLLEGE	189	0	5	39	56	67	15	7	0	0
WEST MIFFLIN	257	0	14	58	99	67	18	1	0	0
WILKES BARRE	670	1	85	189	192	137	57	8	0	1
WILLIAMSPORT	505	1	92	174	137	74	24	3	0	0
YORK	841	4	190	302	214	103	24	4	0	0
ALL OTHER AREAS	110,089	109	9,063	26,771	38,966	26,337	7,783	1,005	36	19

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-28
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SELECTED MUNICIPALITIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	162,348	2,175	1.3	9,112	5.6	85,211	52.5	62,786	38.7	2,927	1.8	137	0.1
ALLENTOWN	1,752	29	1.7	91	5.2	963	55.0	642	36.6	26	1.5	1	0.1
ALTOONA	668	13	1.9	31	4.6	367	54.9	251	37.6	6	0.9	0	-
BETHEL PARK	439	3	0.7	10	2.3	220	50.1	193	44.0	11	2.5	2	0.5
BETHLEHEM	953	8	0.8	73	7.7	493	51.7	362	38.0	16	1.7	1	0.1
CHESTER	1,029	22	2.1	101	9.8	614	59.7	277	26.9	14	1.4	1	0.1
EASTON	473	8	1.7	26	5.5	238	50.3	183	38.7	16	3.4	2	0.4
ERIE	2,139	31	1.4	133	6.2	1,133	53.0	807	37.7	35	1.6	0	-
HARRISBURG	1,172	36	3.1	94	8.0	706	60.2	320	27.3	16	1.4	0	-
HAZLETON	273	4	1.5	18	6.6	165	60.4	82	30.0	4	1.5	0	-
JOHNSTOWN	406	6	1.5	30	7.4	235	57.9	129	31.8	6	1.5	0	-
LANCASTER	1,173	12	1.0	68	5.8	687	58.6	383	32.7	21	1.8	2	0.2
LEBANON	428	1	0.2	25	5.8	243	56.8	152	35.5	6	1.4	1	0.2
MCKEESPORT	375	8	2.1	21	5.6	199	53.1	142	37.9	3	0.8	2	0.5
MONROEVILLE	332	5	1.5	17	5.1	149	44.9	151	45.5	6	1.8	4	1.2
NEW CASTLE	440	5	1.1	34	7.7	234	53.2	159	36.1	8	1.8	0	-
NORRISTOWN	784	18	2.3	44	5.6	441	56.3	265	33.8	16	2.0	0	-
PHILADELPHIA	28,529	706	2.5	2,416	8.5	16,669	58.4	8,396	29.4	329	1.2	13	0.0
PITTSBURGH	5,379	124	2.3	407	7.6	3,078	57.2	1,680	31.2	72	1.3	18	0.3
PLUM	385	2	0.5	10	2.6	202	52.5	167	43.4	4	1.0	0	-
READING	1,402	26	1.9	86	6.1	779	55.6	486	34.7	24	1.7	1	0.1
SCRANTON	1,036	12	1.2	71	6.9	587	56.7	349	33.7	16	1.5	1	0.1
SHARON	230	1	0.4	22	9.6	126	54.8	78	33.9	3	1.3	0	-
STATE COLLEGE	189	3	1.6	8	4.2	103	54.5	72	38.1	3	1.6	0	-
WEST MIFFLIN	257	4	1.6	12	4.7	137	53.3	96	37.4	6	2.3	2	0.8
WILKES BARRE	670	10	1.5	37	5.5	359	53.6	253	37.8	11	1.6	0	-
WILLIAMSPORT	505	8	1.6	22	4.4	276	54.7	185	36.6	14	2.8	0	-
YORK	841	11	1.3	84	10.0	475	56.5	266	31.6	5	0.6	0	-
ALL OTHER AREAS	110,089	1,059	1.0	5,121	4.7	55,333	50.3	46,260	42.0	2,230	2.0	86	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-29
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	162,348	4,369	2.7	22,608	13.9	77,040	47.5	27,239	16.8	29,153	18.0	1,939	1.2
ALLENTOWN	1,752	62	3.5	338	19.3	815	46.5	286	16.3	241	13.8	10	0.6
ALTOONA	668	11	1.6	133	19.9	350	52.4	115	17.2	58	8.7	1	0.1
BETHEL PARK	439	0	-	3	0.7	159	36.2	99	22.6	177	40.3	1	0.2
BETHLEHEM	953	29	3.0	153	16.1	420	44.1	165	17.3	183	19.2	3	0.3
CHESTER	1,029	49	4.8	231	22.4	563	54.7	117	11.4	57	5.5	12	1.2
EASTON	473	11	2.3	99	20.9	212	44.8	76	16.1	65	13.7	10	2.1
ERIE	2,139	45	2.1	420	19.6	1,047	48.9	313	14.6	310	14.5	4	0.2
HARRISBURG	1,172	47	4.0	338	28.8	526	44.9	137	11.7	104	8.9	20	1.7
HAZLETON	273	7	2.6	36	13.2	152	55.7	51	18.7	27	9.9	0	-
JOHNSTOWN	406	16	3.9	75	18.5	233	57.4	58	14.3	24	5.9	0	-
LANCASTER	1,173	81	6.9	374	31.9	463	39.5	128	10.9	125	10.7	2	0.2
LEBANON	428	11	2.6	93	21.7	248	57.9	43	10.0	32	7.5	1	0.2
MCKEESPORT	375	9	2.4	73	19.5	182	48.5	88	23.5	22	5.9	1	0.3
MONROEVILLE	332	1	0.3	11	3.3	111	33.4	85	25.6	119	35.8	5	1.5
NEW CASTLE	440	14	3.2	91	20.7	254	57.7	51	11.6	28	6.4	2	0.5
NORRISTOWN	784	11	1.4	148	18.9	387	49.4	131	16.7	105	13.4	2	0.3
PHILADELPHIA	28,529	888	3.1	6,963	24.4	12,885	45.2	3,875	13.6	3,242	11.4	676	2.4
PITTSBURGH	5,379	90	1.7	911	16.9	2,578	47.9	822	15.3	895	16.6	83	1.5
PLUM	385	1	0.3	7	1.8	170	44.2	83	21.6	123	31.9	1	0.3
READING	1,402	106	7.6	398	28.4	630	44.9	165	11.8	100	7.1	3	0.2
SCRANTON	1,036	18	1.7	183	17.7	459	44.3	227	21.9	146	14.1	3	0.3
SHARON	230	5	2.2	48	20.9	110	47.8	41	17.8	26	11.3	0	-
STATE COLLEGE	189	1	0.5	1	0.5	27	14.3	43	22.8	115	60.8	2	1.1
WEST MIFFLIN	257	0	-	15	5.8	149	58.0	51	19.8	41	16.0	1	0.4
WILKES BARRE	670	12	1.8	109	16.3	309	46.1	146	21.8	93	13.9	1	0.1
WILLIAMSPORT	505	17	3.4	123	24.4	224	44.4	95	18.8	45	8.9	1	0.2
YORK	841	37	4.4	253	30.1	422	50.2	64	7.6	63	7.5	2	0.2
ALL OTHER AREAS	110,089	2,790	2.5	10,981	10.0	52,955	48.1	19,684	17.9	22,587	20.5	1,092	1.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-30
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	%*	NUMBER	%**	NUMBER	%**	NUMBER	%*	NUMBER	%***	NUMBER	%***
STATE TOTAL	162,348	121,246	74.7	4,673	3.9	116,551	96.1	41,083	25.3	13,034	31.7	28,021	68.2
ALLENTOWN	1,752	1,181	67.4	65	5.5	1,116	94.5	571	32.6	159	27.8	412	72.2
ALTOONA	668	485	72.6	35	7.2	450	92.8	183	27.4	77	42.1	106	57.9
BETHEL PARK	439	412	93.8	1	0.2	411	99.8	27	6.2	8	29.6	19	70.4
BETHLEHEM	953	681	71.5	24	3.5	657	96.5	272	28.5	92	33.8	180	66.2
CHESTER	1,029	364	35.4	12	3.3	352	96.7	664	64.5	213	32.1	450	67.8
EASTON	473	315	66.6	12	3.8	302	95.9	158	33.4	58	36.7	100	63.3
ERIE	2,139	1,427	66.7	49	3.4	1,378	96.6	712	33.3	245	34.4	467	65.6
HARRISBURG	1,172	452	38.6	34	7.5	418	92.5	720	61.4	241	33.5	479	66.5
HAZLETON	273	207	75.8	16	7.7	191	92.3	66	24.2	24	36.4	42	63.6
JOHNSTOWN	406	272	67.0	26	9.6	246	90.4	134	33.0	58	43.3	76	56.7
LANCASTER	1,173	589	50.2	42	7.1	547	92.9	584	49.8	220	37.7	364	62.3
LEBANON	428	294	68.7	32	10.9	262	89.1	134	31.3	38	28.4	96	71.6
MCKEESPORT	375	224	59.7	14	6.3	210	93.8	151	40.2	56	37.1	95	62.9
MONROEVILLE	332	297	89.5	3	1.0	294	99.0	35	10.5	15	42.9	20	57.1
NEW CASTLE	440	296	67.3	19	6.4	276	93.2	144	32.7	53	36.8	91	63.2
NORRISTOWN	784	504	64.3	14	2.8	490	97.2	280	35.7	81	28.9	199	71.1
PHILADELPHIA	28,529	13,282	46.6	475	3.6	12,800	96.4	15,240	53.4	4,404	28.9	10,817	71.0
PITTSBURGH	5,379	3,002	55.8	96	3.2	2,905	96.8	2,376	44.2	688	29.0	1,687	71.0
PLUM	385	363	94.3	5	1.4	358	98.6	22	5.7	7	31.8	15	68.2
READING	1,402	759	54.1	61	8.0	698	92.0	642	45.8	218	34.0	424	66.0
SCRANTON	1,036	766	73.9	32	4.2	734	95.8	270	26.1	86	31.9	184	68.1
SHARON	230	160	69.6	10	6.3	150	93.8	70	30.4	26	37.1	44	62.9
STATE COLLEGE	189	176	93.1	2	1.1	174	98.9	13	6.9	3	23.1	10	76.9
WEST MIFFLIN	257	209	81.3	3	1.4	206	98.6	48	18.7	11	22.9	37	77.1
WILKES BARRE	670	469	70.0	27	5.8	442	94.2	201	30.0	59	29.4	141	70.1
WILLIAMSPORT	505	315	62.4	20	6.3	295	93.7	190	37.6	73	38.4	117	61.6
YORK	841	399	47.4	35	8.8	364	91.2	442	52.6	159	36.0	283	64.0
ALL OTHER AREAS	110,089	93,346	84.8	3,509	3.8	89,825	96.2	16,734	15.2	5,662	33.8	11,066	66.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH SPECIFIED AREA.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH SPECIFIED AREA.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS. UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS. SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-31
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
STATE TOTAL	162,348	124,299	76.6	25,075	15.4	6,103	3.8	4,578	2.8	2,293	1.4
ALLENTOWN	1,752	1,396	79.7	264	15.1	58	3.3	17	1.0	17	1.0
ALTOONA	668	569	85.2	77	11.5	14	2.1	3	0.4	5	0.7
BETHEL PARK	439	415	94.5	14	3.2	3	0.7	6	1.4	1	0.2
BETHLEHEM	953	803	84.3	114	12.0	27	2.8	6	0.6	3	0.3
CHESTER	1,029	564	54.8	310	30.1	82	8.0	23	2.2	50	4.9
EASTON	473	373	78.9	70	14.8	15	3.2	12	2.5	3	0.6
ERIE	2,139	1,648	77.0	332	15.5	77	3.6	59	2.8	23	1.1
HARRISBURG	1,172	641	54.7	373	31.8	119	10	20	1.7	19	1.6
HAZLETON	273	217	79.5	48	17.6	6	2.2	1	0.4	1	0.4
JOHNSTOWN	406	319	78.6	72	17.7	11	2.7	3	0.7	1	0.2
LANCASTER	1,173	897	76.5	212	18.1	39	3.3	10	0.9	15	1.3
LEBANON	428	306	71.5	101	23.6	17	4.0	0	-	4	0.9
MCKEESPORT	375	252	67.2	87	23.2	25	6.7	6	1.6	5	1.3
MONROEVILLE	332	288	86.7	28	8.4	5	1.5	11	3.3	0	-
NEW CASTLE	440	355	80.7	62	14.1	14	3.2	3	0.7	6	1.4
NORRISTOWN	784	581	74.1	128	16.3	39	5.0	16	2.0	20	2.6
PHILADELPHIA	28,529	16,037	56.2	6,293	22.1	2,107	7.4	2,833	9.9	1,259	4.4
PITTSBURGH	5,379	4,153	77.2	811	15.1	170	3.2	145	2.7	100	1.9
PLUM	385	336	87.3	29	7.5	3	0.8	15	3.9	2	0.5
READING	1,402	922	65.8	352	25.1	90	6.4	10	0.7	28	2.0
SCRANTON	1,036	823	79.4	162	15.6	32	3.1	2	0.2	17	1.6
SHARON	230	177	77.0	46	20.0	5	2.2	1	0.4	1	0.4
STATE COLLEGE	189	138	73.0	39	20.6	7	3.7	2	1.1	3	1.6
WEST MIFFLIN	257	232	90.3	16	6.2	4	1.6	3	1.2	2	0.8
WILKES BARRE	670	556	83.0	92	13.7	14	2.1	3	0.4	5	0.7
WILLIAMSPORT	505	302	59.8	176	34.9	19	3.8	7	1.4	1	0.2
YORK	841	591	70.3	193	22.9	42	5.0	11	1.3	4	0.5
ALL OTHER AREAS	110,089	90,408	82.1	14,574	13.2	3,059	2.8	1,350	1.2	698	0.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

MORTALITY STATISTICS

1987 MORTALITY STATISTICS

Highlights

THE STATE

TOTAL DEATHS: In 1987, a total of 124,986 Pennsylvania residents died, an increase of 1,134 or 0.9 percent from 1986. This figure is the highest annual number of deaths since 1973. The 1987 crude death rate per 1,000 population was 10.5, up only slightly from the rate of 10.4 that occurred in 1986 and 1985. Only minor fluctuations have occurred in the death rate over the past 40 years. Historically, Pennsylvania's total crude death rates have been higher than those for the United States.

DEATHS BY AGE, SEX, AND RACE: The median age at death in 1987 for Pennsylvanians was 74.9. This figure has risen gradually over the years from 68.7 in 1960, 70.9 in 1970, 72.8 in 1980, and 74.3 in 1985. The median age at death for females in 1987 was 78.3 -- 6.4 years higher than the median age at death for males (71.9).

In 1987, 9.6 percent of all deaths were to residents of races other than white. Over 51 percent of the white residents who died in 1987 were 75 years of age or older while only 32.5 percent of the deaths to residents of races other than white were from the same age group. This is a reflection of the difference in the median age at death between the two racial groups - 75.6 for whites and 67.4 for all other races.

The 1987 resident male death rate of 11.1 per 1,000 male population also occurred among white males. However, among males of races other than white, the death rate was 11.4. Also, in comparing age-specific male death rates between the two racial groups, the rates for non-white males were much higher than those for white males in all age groups except for the oldest age group, 85 and older. The median age at death for white males in 1987 was 72.5; for males of all other races, it was 64.8.

In contrast to the males, the crude death rate for white females (10.1) was higher than the rate for females of races other than white (8.5). Yet, for the age-specific rates among the females, a pattern similar to that among the males was evident between the racial groups. Death rates for white females were not consistently higher than for females of other races until ages 80 and over. The median age at death for white females in 1987 was 78.8; for females of all other races, it was 71.0.

AGE-ADJUSTED DEATH RATES BY SEX AND RACE: One explanation often used for Pennsylvania's consistently higher crude death rates is that Pennsylvania has one of the oldest populations among the fifty states. To take that into account, age-adjusted death rates by sex and race were computed for the state back to 1950. In comparing these special United States and Pennsylvania death rates that have been adjusted for differences in the ages of the populations being studied, we find that most Pennsylvanians have experienced similar or only slightly higher mortality rates than the United States as a whole. The gap between the Pennsylvania and United States rates has narrowed somewhat over the years. In 1950, the age-adjusted death rate for the state was 6.0 percent higher than the same rate for the United States. By 1975, Pennsylvania's rate was 4.8 percent higher and, by 1987, 3.7 percent higher.

In reviewing the age-adjusted death rates by sex, the rate for males was over 67 percent higher than the rate for females. However, in 1987, Pennsylvania's female age-adjusted death rate was 7.5 percent higher than the United States female rate whereas the state's male age-adjusted rate was only 2.9 percent higher that the corresponding United States rate.

Age-adjusted death rates by race for Pennsylvania and the United States showed that while the rates among Pennsylvania's races other than white have been and continue to be lower than the comparable United States rates, the Pennsylvania rates for whites have been higher than the United States rates. In 1987, the age-adjusted death rates for whites in Pennsylvania was 5.4 per 1,000 white population; in the United States, it was 5.1. Among races other than white, the figure was 6.3 for Pennsylvania and 6.7 for the United States.

INFANT DEATHS: The number of resident infant deaths for Pennsylvania rose slightly from 1,628 in 1986 to 1,654 in 1987, an increase of only 1.6 percent from 1986. However, this is only the fourth annual increase in the number of infant deaths from a previous year since 1960. The corresponding infant death rate remained unchanged from 1986 at 10.2 infant deaths per 1,000 resident live births in 1987 -- the lowest annual figure ever recorded

Over 70 percent of the infant deaths in 1987 occurred during the neonatal period (the first 27 days of life) and

the remaining 30 percent in the postneonatal period (28-364 days). From 1950 to 1987, Pennsylvania's resident infant and neonatal death rates have been similar to those for the United States with significant decreases since 1950 but fewer and smaller declines in the last several years.

When broken down by race, the resident infant death rate for whites declined from 8.6 in 1986 to 8.1 in 1987. The number and rate of postneonatal white infant deaths also decreased from 390 with a rate of 2.9 for 1986 to 310 deaths with a rate of 2.3 for 1987. However, the number of infant deaths among races other than white increased from 474 in 1986 to 554 in 1987. The infant death rate for this group increased from 18.3 in 1986 to 20.4 in 1987. The 1987 infant, neonatal, and postneonatal death rates among races other than white were approximately two and a half times higher than those for whites.

LEADING CAUSES OF DEATH: The leading cause of death in Pennsylvania continued to be heart disease, which accounted for 47,381 or 37.9 percent of all resident deaths, the lowest percentage since 1948 when it was 36.0. The ranking of the three most frequent causes of death -- heart disease, malignant neoplasms (cancer), and cerebrovascular disease (stroke) -- has remained the same since 1945. Together, these three causes accounted for over two-thirds (67.3 percent) of all the deaths in 1987. However, two of the causes, heart disease and stroke, have been declining in annual numbers of deaths since the 1970's while cancer deaths have been constantly rising over the years.

Accidental deaths were the fourth leading cause of death in 1987. Since 1950, this major cause has held onto the fourth position but was fifth in 1986 when chronic obstructive pulmonary disease replaced it. However, with 1987 figures, it has again appeared fourth, accounting for 3.6 percent of all deaths. The fifth leading cause of death in 1987, chronic obstructive pulmonary disease, is a relatively new category that includes bronchitis, emphysema, asthma and allied conditions. The National Center for Health Statistics and state health agencies have been listing this category since the latest revision of the International Classification of Diseases took effect in 1979. Since the late 1970's, medical certifiers have been using the term, chronic obstructive pulmonary disease, on certificates instead of a more specific diagnosis. And, for comparison with mortality statistics reported by other states and the United States, this new category was first introduced in the 1982 report of *Pennsylvania Vital Statistics*. In 1987, it accounted for 3.4 percent of all deaths, compared to 3.3 in 1985 and 2.6 in 1980.

Among the causes ranked six through ten, there were no changes in the order from the 1986 list. However, the number of deaths due to septicemia has more than doubled since 1980 and increased by over 4,100 percent since 1950. Nephritis/nephrosis has also been on the increase since 1980. Although not as large and consistent an increase as for septicemia, the number of deaths due to nephritis/nephrosis in 1987 was 47.5 percent higher than in 1980. Deaths due to atherosclerosis, perinatal conditions, congenital anomalies, tuberculosis, and syphilis have decreased significantly over the years 1940-1987.

MEDIAN AGE AT DEATH FOR LEADING CAUSES: Residents of Pennsylvania who died from homicides and motor vehicle accidents in 1987 had the lowest median age at death among the 17 leading causes, 30.8 and 31.2, respectively. This was consistently true for both sexes and racial breakdowns (white and all other). Other causes with somewhat lower median ages at death included suicide (43.0), liver disease/cirrhosis (63.4), and non-motor vehicle accidents (64.7). The highest median ages at death occurred for atherosclerosis (85.7) and pneumonia/influenza (82.6). Again, this was true of both sexes and racial groups except for females of races other than white. Among these deaths, heart disease at 75.9 had the second highest median age at death with atherosclerosis (83.1) first and septicemia (75.5) third.

The largest difference in median ages between the sexes occurred for deaths due to accidents, especially non-motor vehicle accidents (54.0 for males, 76.7 for females). However, this age/sex difference for accidental deaths was evident only among whites. There were no large sex differences in median ages at death for the selected causes among races other than white.

CAUSE-SPECIFIC DEATH RATES: Cause-specific death rates for 1987 displayed the prominence of heart disease and malignant neoplasms among the leading causes, with rates of 396.9 and 241.0, respectively, per 100,000 population. While the heart disease rate was the lowest since 1948, the cancer death rate was the highest ever recorded for the state. The third highest cause-specific death rate in 1987 was 67.2 for cerebrovascular disease. The death rate for this disease was only lower in 1986 (67.0) and has been on a steady decline since the mid-1970's. The rate (and number) for accidental deaths increased from the 1986 figure of 35.2. In 1987, the rate was 37.4. 1987 is the first year that data on deaths due to HIV (Human Immunodeficiency Virus) Infection have become available via the certificate of death. Among the 34 major causes listed, HIV Infection placed twenty-first, with a rate of 3.1 per 100,000 population.

LEADING CAUSES OF DEATH BY AGE: For children under 5 years of age, deaths in 1987 were due mainly to perinatal/early infancy conditions (43.4 percent), congenital anomalies/birth defects (20.8 percent), and accidents (7.1 percent).

Persons 5-24 years of age had the lowest death rate among the age groups listed. Accidents caused almost half of all these deaths. Motor vehicle accidents alone accounted for 36.5 percent of the deaths, suicide for 13.0 percent, homicide for 8.9 percent, and malignant neoplasms for 8.1 percent.

Over 21 percent of the deaths to persons 25-44 years of age were from accidents; almost another 18 percent were from malignant neoplasms; 14.6 percent were from heart disease; and, 9.9 percent from suicide. Also, almost 5 percent of the deaths to this age group were due to HIV Infection in 1987.

For the age group 45-64, the leading causes of death were malignant neoplasms and heart disease. Together they accounted for over 68 percent of these deaths. Cerebrovascular disease was a distant third at 3.7 percent.

Heart disease accounted for almost 40 percent of the deaths to residents 65-84 years of age, malignant neoplasms for almost 25 percent, and cerebrovascular disease for 6.7 percent.

For the age group 85 and over, 48.2 percent of the deaths were from heart disease compared to 10.8 percent from malignant neoplasms, 9.6 percent from cerebrovascular disease, and 5.7 percent from pneumonia/influenza.

LEADING CAUSES OF DEATH BY SEX: Over 1,400 males died as a result of motor vehicle accidents, compared to 628 females. Other causes with significant sex differences included suicide (1,210 males versus 279 females), homicide (475 males and 169 females), pneumoconiosis (502 males and 2 females), and HIV Infection (341 males and 24 females). There were no female-dominated causes with such dramatic sex difference, although females did outnumber males in causes such as cerebrovascular disease, diabetes mellitus, septicemia, and atherosclerosis. It is interesting to note that most of the causes dominated by males were external causes of injury and poisoning, with the exceptions of pneumoconiosis which is an occupational disease and HIV Infection which is a disease predominantly transmitted among homosexual men. However, the female-dominated causes were all chronic disease mainly associated with the elderly. Cause-specific death rates by sex displayed similar patterns.

LEADING CAUSES OF DEATH BY RACE: In 1987, 39.2 percent of all whites died from heart disease, compared to 26.2 percent of all other races. The proportions dying from malignant neoplasms and cerebrovascular disease were similar for both whites and other races. Homicide and perinatal conditions appear in the top ten leading causes for races other than white but not for whites. Instead, chronic obstructive pulmonary disease and suicide appear in the top ten leading causes of death among whites. For races other than white aged 5-24, the leading cause was homicide; for whites of these ages, homicide placed fourth, with the leading cause for that group being accidents. For the age group 65-84, septicemia was the fourth leading cause of death among races other than white; among whites, it was ninth. HIV Infection appeared in the top ten causes of death for both racial groups of ages 25-44. It also appeared in the top ten for races other than white of ages 5-24. Cause-specific death rates by race displayed very similar patterns.

AGE-ADJUSTED DEATH RATES FOR LEADING CAUSES: In comparing age-adjusted death rates for 15 selected major causes of death for Pennsylvania and the United States in 1987, Pennsylvania's rates for heart disease, malignant neoplasms, diabetes, septicemia, and nephritis/nephrosis were higher than the United States rates but lower for all other causes, especially accidents and homicide. The 1987 Pennsylvania rates were higher than comparable five-year (1983-87) summary rates for 8 out of the 15 major causes - malignant neoplasms, accidents, chronic obstructive pulmonary disease, pneumonia/influenza, septicemia, nephritis/nephrosis, suicide, and homicide.

CAUSES OF DEATH BY TYPE:

Infectious and Parasitic Diseases - These deaths occurred at a rate of 21.4 per 100,000 population in 1987 compared to 18.1 in 1986 and 10.3 in 1980, less than half the 1987 rate. Approximately 70 percent of these deaths were due to septicemia. HIV Infection accounted for another 14.3 percent.

Malignant Neoplasms - The number of deaths from cancer increased from 28,037 deaths in 1986 to 28,767 in 1987. Almost 56 percent of these deaths in 1987 were due to malignant neoplasms of the trachea, bronchus and lung (25.6 percent), colon (11.0 percent), female breast (8.7 percent), prostate (5.7 percent), and pancreas (4.6 percent). The death rate for malignant neoplasms (241.0 per 100,000 population) was the highest rate ever recorded in Pennsylvania. The next highest was the rate of 235.8 in 1986.

Endocrine, Nutritional and Metabolic Diseases, and Immunity Disorders - Of the 3,403 deaths due to these diseases and immunity disorders in 1987, over 73 percent were from diabetes mellitus. The death rate for diabetes was 21.0 per 100,000 population, the same as in 1986.

Diseases of the Nervous System and Sense Organs - Hereditary and degenerative diseases of the central nervous system, including Tay-Sachs disease among children and Parkinson's disease among the elderly, accounted for over 63 percent of the deaths in this category. Other disorders of the central nervous system, including multiple sclerosis, infantile cerebral palsy, and epilepsy, made up the other major subdivision, accounting for almost 27 percent of the 1,889 deaths in 1987.

Circulatory System - The number of deaths due to these diseases decreased from 59,195 in 1986 to 58,541 in 1987. Over 51 percent of these deaths in 1987 were the result of ischemic heart disease, including 15,985 deaths due to acute myocardial infarction. Another category, cerebrovascular disease, accounted for 8,091 deaths or 13.7 percent, an increase of 130 deaths from the 1986 figure.

Respiratory System - Of the 9,774 deaths due to diseases of the respiratory system in 1987, 43.2 percent were due to chronic obstructive pulmonary disease and 37.5 percent to pneumonia/influenza. The number of deaths due to coalworker's pneumoconiosis was 464, a slight decrease from the 525 deaths in 1986 but a significant decrease from the 727 deaths recorded in 1980.

Digestive System - The number of deaths due to diseases of the digestive system during 1987 in Pennsylvania was 4,104. Over 31 percent of these deaths were from chronic liver disease and cirrhosis.

Diseases of the Genitourinary System - Of the 2,665 deaths due to diseases and disorders of the genitourinary system, over 61 percent were due to nephritis, nephrotic syndrome and nephrosis, in most cases, renal failure.

Maternal Deaths - Deaths resulting from complications of pregnancy, childbirth, and the puerperium numbered 8 or 0.5 per 10,000 live births in 1987, a decrease of 6 deaths from 1986 and the second lowest number and rate of maternal deaths ever recorded in the state. The lowest number and rate occurred in 1981 (7 and 0.4).

External Causes of Injury and Poisoning - Of the 6,778 deaths in 1987 due to these causes, 65.9 percent or 4,464 were accidents. Approximately 45 percent of the accidents involved motor vehicles. The next highest number of deaths in this category was for suicides - 1,489 or 12.5 per 100,000 population. Accidental falls accounted for 631 deaths and had a rate of 5.3 compared to a number and rate of 553 and 4.7 in 1986 and 767 and 6.5 in 1980. Homicides decreased from 653 in 1986 to 639 (5.4 per 100,000 population) in 1987. However, as recently as 1985, the number and rate of homicides had been down to 581 and 4.9. Approximately half of the suicides and the homicides involved firearms and explosives. Only 181 resident deaths or 2.7 percent of the deaths in this category were undetermined as accidently or purposely inflicted.

INFANT DEATHS BY CAUSE:

Age at Death - The cause of death for infants varied according to the age at death. For neonatal deaths (under 28 days of age), over 69 percent were the result of perinatal conditions and over 24 percent were due to congenital anomalies/birth defects. For postneonatal deaths (28-364 days of age), 39.2 percent were the result of sudden infant death syndrome and 15.7 percent were due to congenital anomalies.

Congenital Anomalies - Over 33 percent of the infant deaths in this category were due to congenital anomalies of the circulatory system. Approximately 17 percent were the result of anomalies of the nervous system, followed by anomalies of the respiratory system with 15.0 percent and chromosomal anomalies (including Down's, Patau's, and Edward's Syndromes) with 12.5 percent.

Perinatal Conditions - In 1987, there were 846 infant deaths due to perinatal conditions compared to 1,194 in 1980. Nearly 33 percent of these infant deaths resulted from respiratory distress syndrome and other respiratory conditions of the newborn and 22.0 percent from disorders relating to short gestation and low birth weight.

All Other Causes - Of the 447 infant deaths due to causes other than congenital anomalies and perinatal conditions, 215 or 48.1 percent were attributed to sudden infant death syndrome. Figures for all other causes in this category were much smaller. These included pneumonia and cardiac dysrhythmias or cardiac arrest (21 deaths each) and septicemia (11 deaths). External causes of injury and poisoning accounted for 42 infant deaths in 1987. Almost 74 percent of these types of deaths were due to three causes - accidental submersion/suffocation, accidents caused by fire/flames, and homicide. Postneonates (28-364 days of age) accounted for 83 percent of the deaths due to causes other than congenital anomalies or perinatal conditions.

FETAL DEATHS:

NOTE: In Pennsylvania, a fetal death is required by law to be reported only if the gestational age of the fetus was more than 16 weeks. The data for fetal deaths in this report reflect this legal requirement. See the ***Technical Notes*** section in the back of this report for further discussion of data on fetal deaths.

The fetal death rate in 1987 was 19.4 per 1,000 deliveries (live births and fetal deaths), the same as in 1982. In 1986 and 1985, the rate was 18.5, and, in 1980, 21.3. Forty-one percent or 1,318 of the 3,212 reported fetal deaths in 1987 were induced terminations of pregnancy.

Of the 1,894 fetal deaths excluding induced terminations, 617 (32.6 percent) were due to complications of the placenta, cord and membranes; 240 (12.7 percent) to maternal complications of pregnancy; and, 181 (9.6 percent) to disorders relating to short gestation and low birth weight.

PENNSYLVANIA AND UNITED STATES DEATH RATES BY TYPE: Pennsylvania's death rates due to heart disease, malignant neoplasms, and cerebrovascular disease throughout the period 1950-1987 as compared to the rates for the United States are consistently higher. Pennsylvania had the third highest median age among states in the 1980 U. S. Census. Such an older age distribution is a major factor contributing to higher rates for chronic diseases such as heart disease and cancer. Also, when comparing death rates for external causes for the same period, Pennsylvania's rates for the accidents, suicides, and homicides are consistently lower, especially for homicides. Comparison of death rates for pneumonia and influenza indicate very similar figures over these years. However, in both 1986 and 1987, Pennsylvania's rates have been higher. For the seven major causes of death, trends over the thirty-eight year period were similar in Pennsylvania and the United States.

LEADING CAUSES OF DEATH BY TYPE, AGE, SEX, AND RACE:

Heart Disease - Ischemic heart disease including acute myocardial infarction accounted for almost 64 percent of all heart disease deaths among Pennsylvania residents in 1987. In comparing the types of heart disease deaths by sex, more males tended to die from acute myocardial infarction while more females died from other ischemic heart disease, rheumatic heart disease, and heart disease with hypertension.

Malignant Neoplasms - The three major types of cancer deaths among Pennsylvania males in 1987 were those of the respiratory, digestive, and genitourinary systems, in that order. Among females, the top three were cancers of the digestive system, the bone, tissue, skin and breast, and the respiratory system. Whereas the respiratory system was the major site of cancer deaths among males aged 35 and older, for females of those ages, malignant neoplasms of the bone, tissue, skin and breast were predominant in the age group 15-64 and digestive system cancers were the major type in females 65 years of age and older. Leukemia was the major type of cancer death for males in the age group 5-34.

In comparing the different types of cancer death rates by race, the rates were higher among whites for all but two types of cancer deaths - buccal cavity/pharynx and the respiratory system. The largest difference in cancer death rates between the two racial groups occurred in leukemia and in bone, tissue, skin and breast cancer. The rates for whites were 48.3 percent and 40.3 percent higher, respectively, for these two types than for all other races.

Accidents - Almost 46 percent of all accidental deaths were motor vehicle related. For ages 5 to 74, motor vehicle accidents were the leading type of fatal accident. For children under 5, the most prevalent types of accidental deaths were caused by fires and submersion/suffocation. For the elderly, 75 years of age and older, falls were the leading cause of accidental death, accounting for 365 or 36.0 percent of the 1,014 deaths.

In making comparisons of the types of accidental deaths by sex, males accounted for over 69 percent of the deaths due to motor vehicle accidents and almost 75 percent of the deaths due to poisoning accidents. In 1987, for only two types of accidental deaths did more females than males die -- falls (316 females/315 males) and surgical complications (124 females/115 males).

Suicides - Males accounted for over 81 percent of all suicide deaths recorded for Pennsylvania residents in 1987. Approximately the same percentages occurred by sex among whites and other races. The largest number and percentage of total suicides occurred in the ten-year age group 25-34 -- 319 and 21.4 percent.

Homicides - In 1987, almost 74 percent of the homicides involved males. Figures were similar among the two racial groups of whites and all others. Over 54 percent of the homicides in 1987 were to persons 15-34 years of age. While races other than white accounted for 9.6 percent of all deaths in 1987, they made up half of all the homicide deaths.

COUNTIES

NOTE: County by county comparisons should be made very cautiously. For example, Sullivan County had the highest death rate in 1987 and Centre County the lowest among the 67 counties. This is a reflection of the size and age of these populations. Sullivan County had one of the highest median ages (35.2) and Centre County the lowest (24.3), according to 1980 census figures. Sullivan County is also one of the least populated counties. See the *Reliability of Rates* section of the ***Technical Notes*** in the back of this report for more discussion of small area data analysis.

TOTAL DEATHS: Five-year county summary crude death rates for 1983-87 can provide more accurate and useful information. The state/county map of these rates demonstrates that higher death rates occurred in the northeastern and western parts of the state while relatively lower rates occurred in the southcentral part of the state.

INFANT DEATHS: The five-year summary infant death rates for 1983-87 displayed on a state map of the counties showed that the metropolitan counties containing Philadelphia, Pittsburgh, Harrisburg, and Erie as well as the western part of the state had the highest rates. Five-year summary neonatal death rates by county demonstrated similar patterns.

AGE-ADJUSTED DEATH RATES: Death rates adjusted for age can be used to obtain a more accurate description of recent mortality experiences and provide a basis for comparison. Five-year summary rates by county also help to diminish the effects of artifically high or low annual incidence that can occur among the less populated counties. Age-adjusted death rates for 1983-87 by county showed Philadelphia County with the highest age-adjusted total death rate in the state at 7.1 deaths per 1,000 population. Montgomery and Lancaster Counties shared the lowest five-year summary age-adjusted total death rate of 4.7. Cumberland County followed closely with 4.8 while both Pike and York Counties registered a rate of 4.9. Philadelphia had the highest 1983-87 age-adjusted death rates for males (9.5) and for females (5.4). This highest rate (5.4) for females was still lower than the lowest five-year age-adjusted death rate for males (5.9). Lancaster County claimed this rate while Lancaster, again, along with Monroe and Montgomery Counties shared the lowest five-year age-adjusted female death rate of 3.7.

DEATHS BY RACE: Seventeen counties had no resident deaths in 1987 that were of a race other than white. Another nine counties had only 1 or 2 such resident deaths in 1987. Six counties (Allegheny, Chester, Dauphin, Delaware, Montgomery, and Philadelphia) accounted for over 90 percent of the resident deaths to races other than white for Pennsylvania during 1987.

LEADING CAUSES OF DEATH: Four counties (Allegheny, Delaware, Montgomery, and Philadelphia) accounted for almost 55 percent of the resident deaths due to septicemia. Over half of the homicide deaths and deaths due to HIV Infection in Pennsylvania during 1987 were of residents of Philadelphia. Five counties - Cambria, Lackawanna, Luzerne, Northumberland, and Schuylkill - accounted for almost 77 percent of the deaths from pneumoconiosis.

CITIES AND BOROUGHS

TOTAL DEATHS: Of the 27 cities and boroughs examined, Johnstown had the highest resident death rate in 1987 - 18.0 per 1,000 population, followed closely by McKeesport with 17.9. The next highest were New Castle and Hazleton at 17.1 and 16.9, respectively. Five-year summary death rates for 1983-87 showed McKeesport with the highest rate, followed by Johnstown, New Castle, Wilkes Barre, and Hazleton.

INFANT DEATHS: McKeesport had the highest 1987 infant and neonatal death rates. Harrisburg had the next highest infant and neonatal death rates for 1987. Bethel Park and Sharon had no resident infant deaths in 1987. In comparing the five-year summary (1983-87) infant and neonatal death rates for the municipalities, Norristown had the highest infant death rate at 17.0 per 1,000 live births, followed by Chester with 16.9. The highest five-year summary neonatal death rate belonged to West Mifflin. Bethel Park had the lowest five-year infant and neonatal death rates.

DEATHS BY RACE: Hazleton had no deaths to races other than white in 1987. Lebanon had only one such death and both Bethel Park and State College had two each. Philadelphia and Pittsburgh accounted for almost 75 percent of all non-white deaths in the state during 1987.

LEADING CAUSES OF DEATH: Hazleton and Wilkes Barre had heart disease death rates almost twice as high as the state rate. There were only 2 suicides of Monroeville residents in 1987, but, among Johnstown and Norristown residents, the suicide death rates were over 35.0, compared to 12.5 for the state. Chester had the highest homicide resident death rate with 34.5. The next highest was Philadelphia with 20.1. Four municipalities experienced no homicides of residents in 1987.

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES **PAGE**

TABLE C-1 RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA, 1950-1987 82

TABLE C-2 RATES FOR DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1987 83

TABLE C-3 RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE: PENNSYLVANIA, 1987, 1980, 1970, 1960, 1950, 1940 85

TABLE C-4A RESIDENT DEATHS BY AGE, RACE, AND SEX, PENNSYLVANIA, 1987 86

TABLE C-4B RESIDENT DEATH RATES BY AGE, RACE, AND SEX, PENNSYLVANIA, 1987 86

TABLE C-5 AGE-ADJUSTED DEATH RATES BY SEX, PENNSYLVANIA AND UNITED STATES, 1950, 1960, 1970-1987 87

TABLE C-6 AGE-ADJUSTED DEATH RATES BY RACE, PENNSYLVANIA AND UNITED STATES, 1950, 1960, 1970-1987 88

TABLE C-7 RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY RACE, NUMBER AND RATE: PENNSYLVANIA, 1987 89

TABLE C-8 LEADING CAUSES OF DEATH, PENNSYLVANIA RESIDENTS, 1987, 1980, 1970, 1960, 1950, 1940 91

TABLE C-9 MEDIAN AGE AT DEATH FOR SELECTED LEADING CAUSES BY RACE AND SEX, PENNSYLVANIA RESIDENTS, 1987 93

TABLE C-10A SELECTED CAUSES OF DEATH BY AGE GROUP, NUMBER AND AND RANK: PENNSYLVANIA RESIDENTS, 1987 94

TABLE C-10B SELECTED CAUSES OF DEATH BY AGE GROUP - MALES, NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987 95

TABLE C-10C SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES, NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987 96

TABLE C-10D SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE POPULATION, NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987 97

TABLE C-10E SELECTED CAUSES OF DEATH BY AGE GROUP - FOR RACES OTHER THAN WHITE, NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987 98

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

TABLE C-11A RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP, PENNSYLVANIA, 1987 99

TABLE C-11B RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP - MALES, PENNSYLVANIA, 1987 100

TABLE C-11C RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES, PENNSYLVANIA, 1987 101

TABLE C-11D RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE POPULATION, PENNSYLVANIA, 1987 102

TABLE C-11E RESIDENT DEATH RATES FOR SELECTED CAUSES OF DEATH BY AGE GROUP - FOR RACES OTHER THAN WHITE, PENNSYLVANIA, 1987 103

TABLE C-12 AGE-ADJUSTED DEATH RATES FOR SELECTED CAUSES OF DEATH, PENNSYLVANIA, 1987 AND FIVE YEAR SUMMARY, 1983-1987 AND UNITED STATES, 1987 104

TABLE C-13 RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 105

TABLE C-14 RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH, NUMBER AND RATE: PENNSYLVANIA, 1987 115

TABLE C-15 RESIDENT FETAL DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 119

TABLE C-16A HEART DISEASE DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 120

TABLE C-16B RESIDENT HEART DISEASE DEATHS BY TYPE AND SEX, NUMBER AND PERCENT: PENNSYLVANIA, 1987 121

TABLE C-17A MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 122

TABLE C-17B RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE, MALES, PENNSYLVANIA, 1987 123

TABLE C-17C RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE, FEMALES, PENNSYLVANIA, 1987 123

TABLE C-17D RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND RACE, NUMBER AND RATE: PENNSYLVANIA, 1987 125

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

TABLE C-18A ACCIDENTAL DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 126

TABLE C-18B RESIDENT ACCIDENTAL DEATHS BY TYPE AND AGE, PENNSYLVANIA, 1987 127

TABLE C-18C RESIDENT ACCIDENTAL DEATHS BY TYPE AND SEX, NUMBER AND PERCENT, PENNSYLVANIA, 1987 127

TABLE C-19 CEREBROVASCULAR DISEASE DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 129

TABLE C-20 PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 130

TABLE C-21A SUICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 131

TABLE C-21B RESIDENT SUICIDE DEATHS BY AGE, RACE, AND SEX, PENNSYLVANIA, 1987 132

TABLE C-22A HOMICIDE DEATHS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES, 1950-1987 133

TABLE C-22B RESIDENT HOMICIDE DEATHS BY AGE, RACE, AND SEX, PENNSYLVANIA, 1987 134

TABLE C-23 RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, 1987 135

TABLE C-24 RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 137

TABLE C-25 AGE-ADJUSTED DEATH RATES BY SEX AND COUNTY, PENNSYLVANIA RESIDENTS, 1987 AND FIVE YEAR SUMMARY, 1983-1987 140

TABLE C-26 RESIDENT DEATHS BY AGE GROUP AND COUNTY, PENNSYLVANIA, 1987 142

TABLE C-27 RESIDENT DEATHS BY SEX, RACE AND COUNTY, PENNSYLVANIA, 1987 144

TABLE C-28 SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE: PENNSYLVANIA RESIDENTS, 1987 146

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA TABLES (CONTINUED) **PAGE**

TABLE C-29 RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS FOR SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1987 164

TABLE C-30 RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS FOR SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 166

TABLE C-31 RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITIES, PENNSYLVANIA, 1987 169

TABLE C-32 RESIDENT DEATHS BY SEX AND RACE FOR SELECTED MUNICIPALITIES, PENNSYLVANIA, 1987 170

TABLE C-33 SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA RESIDENTS, 1987 171

MORTALITY DATA ILLUSTRATIONS **PAGE**

FIGURE C-1 CRUDE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 84

FIGURE C-2 INFANT AND NEONATAL DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 84

FIGURE C-3 RESIDENT DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1940, 1950, 1960, 1970, 1980, AND 1987 85

FIGURE C-4 AGE-ADJUSTED DEATH RATES BY SEX, PENNSYLVANIA AND UNITED STATES, 1970-1987 87

FIGURE C-5 AGE-ADJUSTED DEATH RATES BY RACE, PENNSYLVANIA AND UNITED STATES, 1970-1987 88

FIGURE C-6 RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATH RATES BY RACE, PENNSYLVANIA, 1987 89

FIGURE C-7 VITAL EVENTS SUMMARY CHART, PENNSYLVANIA, 1987 90

FIGURE C-8 RESIDENT DEATHS, PERCENT BY FIVE LEADING CAUSES, PENNSYLVANIA, 1987 AND 1940 92

FIGURE C-9 HEART DISEASE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 120

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA ILLUSTRATIONS (CONTINUED) **PAGE**

FIGURE C-10 RESIDENT HEART DISEASE DEATHS, PERCENT BY TYPE, PENNSYLVANIA, 1987 121

FIGURE C-11 MALIGNANT NEOPLASM DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 122

FIGURE C-12 RESIDENT MALIGNANT NEOPLASM DEATHS BY SEX, PERCENT BY TYPE, PENNSYLVANIA, 1987 124

FIGURE C-13 RESIDENT MALIGNANT NEOPLASM DEATHS, PERCENT BY TYPE, PENNSYLVANIA, 1987 125

FIGURE C-14 ACCIDENTAL DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 126

FIGURE C-15 RESIDENT ACCIDENTAL DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1987 128

FIGURE C-16 RESIDENT ACCIDENTAL DEATHS, PERCENT BY TYPE, PENNSYLVANIA, 1987 128

FIGURE C-17 CEREBROVASCULAR DISEASE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 129

FIGURE C-18 PNEUMONIA AND INFLUENZA DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 130

FIGURE C-19 SUICIDE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 131

FIGURE C-20 RESIDENT SUICIDE DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1987 132

FIGURE C-21 HOMICIDE DEATH RATES, PENNSYLVANIA AND UNITED STATES, 1950-1987 133

FIGURE C-22 RESIDENT HOMICIDE DEATHS, PERCENT BY AGE GROUP, PENNSYLVANIA, 1987 134

FIGURE C-23 STATE MAP: RESIDENT CRUDE DEATH RATES BY COUNTY, PENNSYLVANIA, 1987 136

FIGURE C-24 STATE MAP: RESIDENT CRUDE DEATH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 138

FIGURE C-25 STATE MAP: RESIDENT INFANT DEATH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 139

LIST OF DATA TABLES AND ILLUSTRATIONS

MORTALITY DATA ILLUSTRATIONS (CONTINUED)

PAGE

FIGURE C-26 STATE MAP: RESIDENT NEONATAL DEATH RATES BY COUNTY, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 139

FIGURE C-27 STATE MAP: AGE-ADJUSTED DEATH RATES BY COUNTY, PENNSYLVANIA RESIDENTS, 1987 141

FIGURE C-28 STATE MAP: AGE-ADJUSTED DEATH RATES BY COUNTY, PENNSYLVANIA RESIDENTS, FIVE YEAR SUMMARY, 1983-1987 141

FIGURE C-29 RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, 1987 165

FIGURE C-30 RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 167

FIGURE C-31 RESIDENT INFANT DEATH RATES BY SELECTED MUNICIPALITIES, PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987 168

TABLE C-1
RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL,
AND MATERNAL DEATHS: PENNSYLVANIA, 1950-1987

YEAR	TOTAL DEATHS	LIVE BIRTHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS	MATERNAL DEATHS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1987	124,986	162,348	3,212	1,654	1,164	8
1986	123,852	160,336	3,026	1,628	1,084	14
1985	123,233	160,001	3,015	1,734	1,201	11
1984	121,358	156,799	3,141	1,634	1,129	12
1983	121,066	157,810	3,198	1,764	1,229	10
1982	118,450	161,561	3,193	1,853	1,320	8
1981	119,612	160,179	3,061	1,902	1,357	7
1980	123,233	158,670	3,455	2,095	1,529	12
1979	117,097	157,533	3,608	2,118	1,548	12
1978	119,279	151,438	4,034	2,031	1,540	19
1977	118,853	153,415	4,058	2,137	1,608	19
1976	120,882	148,004	4,349	2,276	1,746	26
1975	120,459	148,942	3,848	2,423	1,855	10
1974	122,943	151,458	4,372	2,584	2,013	11
1973	126,483	153,272	4,229	2,607	1,980	21
1972	127,136	163,110	3,768	2,912	2,244	20
1971	126,597	180,939	4,079	3,314	2,548	36
1970	126,564	192,154	4,495	3,879	3,027	40
1969	126,704	185,046	3,668	3,865	3,003	37
1968	130,802	185,729	3,539	4,015	3,154	33
1967	125,494	188,706	3,589	4,158	3,261	48
1966	126,820	195,869	3,765	4,323	3,354	50
1965	125,670	204,105	3,922	4,737	3,592	44
1964	123,845	218,515	4,258	5,029	3,869	62
1963	126,199	221,537	4,329	5,178	3,979	69
1962	122,989	226,393	4,398	5,370	4,135	60
1961	120,543	240,172	4,646	5,639	4,357	71
1960	121,163	241,099	4,525	5,921	4,557	76
1959	119,206	246,615	4,666	6,145	4,725	71
1958	118,360	249,810	4,901	6,360	4,918	86
1957	118,734	254,997	4,977	6,240	4,785	78
1956	114,578	248,019	4,861	6,086	4,667	90
1955	113,458	242,591	4,939	5,962	4,649	94
1954	108,783	245,521	4,931	6,123	4,686	103
1953	112,574	239,206	4,321	6,147	4,640	132
1952	111,156	239,964	4,584	6,273	4,589	147
1951	111,426	235,074	4,596	6,117	4,618	151
1950	110,212	221,635	4,418	6,126	4,578	170

TABLE C-2
RATES* FOR DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL, AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1987

	TOTAL DEATH RATE		LIVE BIRTH RATE		FETAL DEATH RATE		INFANT DEATH RATE		NEONATAL DEATH RATE		MATERNAL DEATH RATE	
YEAR	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
1987	10.5	8.7**	13.6	15.7**	19.4	***	10.2	10.0**	7.2	6.5**	0.5	0.6**
1986	10.4	8.7	13.5	15.6	18.5	***	10.2	10.4	6.8	6.7	0.9	0.7
1985	10.4	8.7	13.5	15.8	18.5	***	10.8	10.6	7.5	7.0	0.7	0.8
1984	10.2	8.6	13.2	15.5	19.6	***	10.4	10.8	7.2	7.0	0.8	0.8
1983	10.2	8.6	13.3	15.5	19.9	***	11.2	11.2	7.8	7.3	0.6	0.8
1982	10.0	8.5	13.6	15.9	19.4	***	11.5	11.5	8.2	7.7	0.5	0.8
1981	10.1	8.6	13.5	15.8	18.8	***	11.9	11.9	8.5	8.0	0.4	0.9
1980	10.4	8.8	13.4	15.9	21.3	***	13.2	12.6	9.6	8.5	0.8	0.9
1979	10.0	8.5	13.4	15.6	22.4	***	13.4	13.1	9.8	8.9	0.8	1.0
1978	10.2	8.7	12.9	15.0	25.9	***	13.4	13.8	10.2	9.5	1.3	1.0
1977	10.0	8.6	13.0	15.1	25.8	***	13.9	14.1	10.4	9.9	1.2	1.1
1976	10.2	8.8	12.5	14.6	28.5	***	15.4	15.2	11.8	10.9	1.8	1.2
1975	10.2	8.8	12.6	14.6	25.2	***	16.3	16.1	12.5	11.6	0.7	1.3
1974	10.4	9.1	12.8	14.8	28.1	***	17.1	16.7	13.3	12.3	0.7	1.5
1973	10.6	9.3	12.9	14.8	26.9	***	17.0	17.7	12.9	13.0	1.4	1.5
1972	10.7	9.4	13.7	15.6	22.6	***	17.9	18.5	13.8	13.6	1.2	1.9
1971	10.7	9.3	15.1	17.2	22.0	***	18.3	19.1	14.1	14.2	2.0	1.9
1970	10.7	9.5	16.3	18.4	22.9	***	20.2	20.0	15.8	15.1	2.1	2.2
1969	10.7	9.5	15.7	17.9	19.4	***	20.9	20.9	16.2	15.6	2.0	2.2
1968	11.1	9.7	15.8	17.6	18.7	***	21.6	21.8	17.0	16.1	1.8	2.5
1967	10.8	9.4	16.2	17.8	18.7	***	22.0	22.4	17.3	16.5	2.5	2.8
1966	10.9	9.5	16.8	18.4	18.9	***	22.1	23.7	17.1	17.2	2.5	2.9
1965	10.9	9.4	17.7	19.4	18.9	***	23.2	24.7	17.6	17.7	2.2	3.2
1964	10.8	9.4	19.1	21.1	19.1	***	23.0	24.8	17.7	17.9	2.8	3.3
1963	11.0	9.6	19.4	21.7	19.2	***	23.4	25.2	17.5	18.2	3.1	3.6
1962	10.8	9.5	19.9	22.4	19.1	***	23.7	25.3	18.2	18.3	2.7	3.5
1961	10.5	9.3	20.9	23.3	19.0	***	23.5	25.3	18.1	18.4	3.0	3.7
1960	10.7	9.5	21.3	23.7	18.4	***	24.6	26.0	18.9	18.7	3.2	3.7
1959	10.5	9.4	21.8	24.2	18.6	***	24.9	26.4	19.2	19.0	2.9	3.7
1958	10.7	9.5	22.5	24.5	19.2	***	25.5	27.1	19.7	19.5	3.4	3.8
1957	10.6	9.6	22.8	25.3	19.1	***	24.5	26.3	18.8	19.1	3.1	4.1
1956	10.3	9.4	22.3	25.2	19.2	***	24.5	26.0	18.8	18.9	3.6	4.1
1955	10.2	9.3	21.8	25.0	20.0	***	24.6	26.4	19.2	19.1	3.9	4.7
1954	10.0	9.2	22.5	25.3	19.7	***	24.9	26.6	19.1	19.1	4.2	5.2
1953	10.4	9.6	22.1	25.1	17.7	***	25.7	27.8	19.4	19.6	5.5	6.1
1952	10.4	9.6	22.4	25.1	18.7	***	26.1	28.4	19.1	19.8	6.1	6.8
1951	10.5	9.7	22.2	24.9	19.2	***	26.0	28.4	19.6	20.0	6.4	7.5
1950	10.5	9.6	21.1	24.1	19.5	***	27.6	29.2	20.6	20.5	7.7	8.3

* TOTAL DEATH AND LIVE BIRTH RATES PER 1,000 POPULATION.
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
MATERNAL DEATH RATE PER 10,000 LIVE BIRTHS.
** PROVISIONAL DATA.
***COMPARABLE UNITED STATES FETAL DEATH RATES ARE NOT AVAILABLE.

FIGURE C–1
CRUDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950–1987

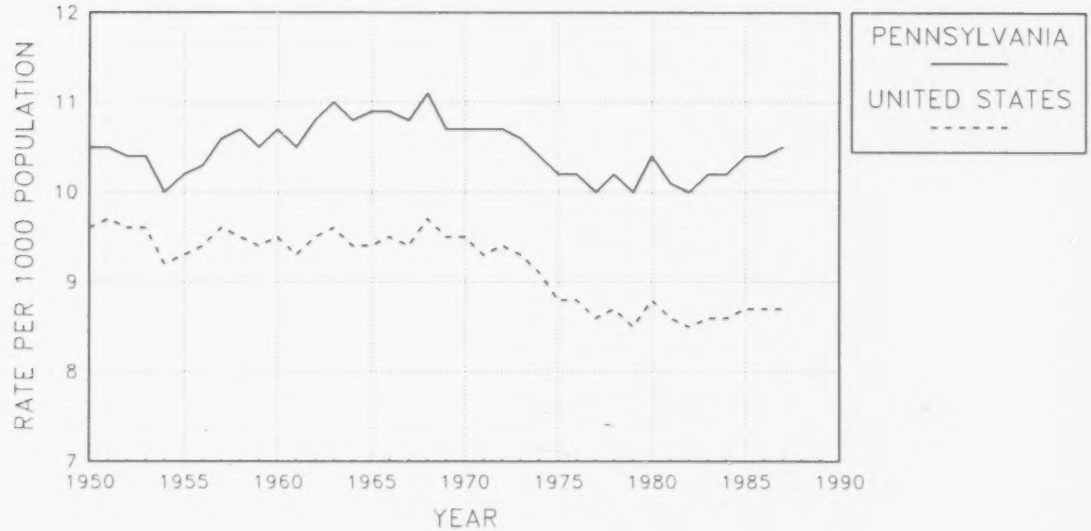


FIGURE C–2
INFANT AND NEONATAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950–1987

TABLE C-3
RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE*:
PENNSYLVANIA, 1987, 1980, 1970, 1960, 1950, 1940

AGE GROUP (IN YEARS)	1987		1980		1970		1960		1950		1940	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	124,986	10.5	123,233	10.4	126,564	10.7	121,163	10.7	110,212	10.5	111,977	11.3
UNDER 5	1,970	2.4	2,435	3.3	4,430	4.8	6,746	5.7	7,107	6.9	8,745	12.0
5-9	160	0.2	222	0.3	468	0.4	482	0.4	459	0.5	792	1.0
10-14	182	0.2	229	0.2	424	0.4	378	0.4	392	0.5	833	0.9
15-19	592	0.7	879	0.8	945	0.9	588	0.7	645	0.9	1,359	1.4
20-24	973	1.0	1,251	1.2	1,104	1.3	620	1.0	961	1.2	1,832	2.0
25-29	1,034	1.0	1,058	1.1	863	1.2	674	1.0	1,187	1.4	2,068	2.5
30-34	1,281	1.3	1,069	1.3	934	1.5	1,026	1.3	1,499	1.8	2,346	3.1
35-39	1,476	1.7	1,154	1.7	1,398	2.2	1,809	2.2	2,109	2.6	2,925	4.2
40-44	1,658	2.2	1,573	2.7	2,625	3.5	2,829	3.6	3,244	4.5	4,001	6.1
45-49	2,320	3.8	2,714	4.5	4,372	5.6	4,464	6.0	4,632	7.3	5,854	9.2
50-54	3,556	6.2	4,868	7.0	6,630	9.0	6,354	9.8	6,514	10.9	7,809	13.9
55-59	6,026	10.0	7,826	11.0	9,412	14.3	8,488	14.9	9,235	17.2	9,320	20.5
60-64	10,117	16.3	11,226	17.7	12,115	21.6	11,863	24.1	11,760	26.0	11,150	30.3
65-69	13,970	25.9	14,379	26.8	14,393	32.6	15,255	35.4	13,617	37.6	12,688	44.4
70-74	17,374	39.8	16,533	40.6	16,871	48.3	17,124	52.6	14,282	57.5	13,129	66.4
75-79	18,607	57.7	17,174	60.9	18,313	74.3	16,437	79.8	13,466	86.9	11,917	105.0
80-84	17,570	85.0	16,393	93.7	15,772	109.5	13,483	127.4	10,565	128.3	8,803	157.1
85+ **	26,120	120.1	22,250	171.2	15,495	169.2	12,543	206.5	8,538	217.1	6,406	260.8

* RATE PER 1,000 POPULATION IN EACH AGE GROUP.
**UNKNOWN AGE AT DEATH INCLUDED IN THE 85+ AGE GROUP.

FIGURE C-3
RESIDENT DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1940, 1950, 1960, 1970, 1980, AND 1987

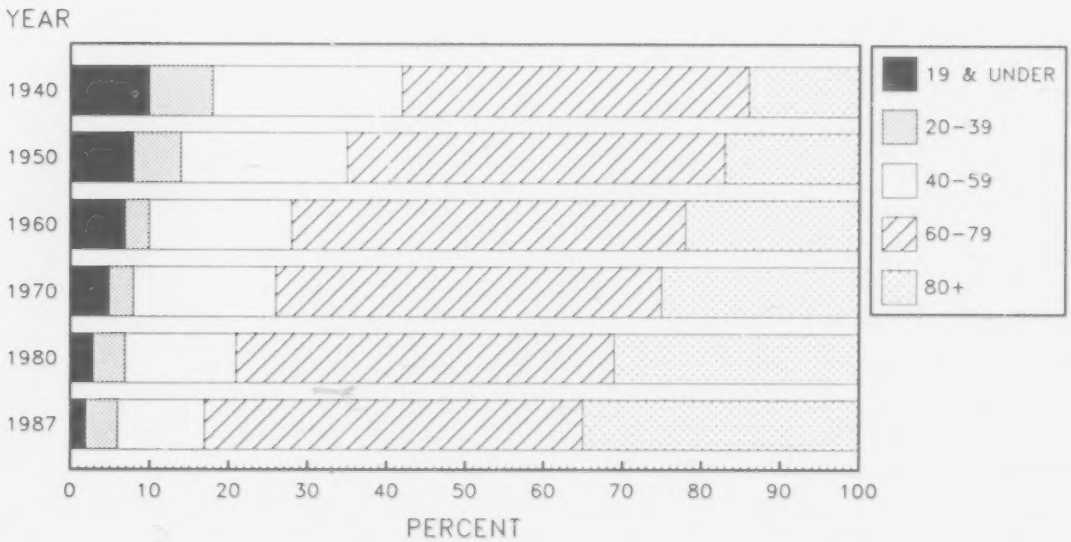


TABLE C-4A
RESIDENT DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1987

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	124,986	63,393	61,593	112,947	56,926	56,021	12,039	6,467	5,572
UNDER 5	1,970	1,082	888	1,336	727	609	634	355	279
5-9	160	108	52	136	93	43	24	15	9
10-14	182	117	65	146	95	51	36	22	14
15-19	592	426	166	517	375	142	75	51	24
20-24	973	732	241	787	604	183	186	128	58
25-29	1,034	794	240	849	662	187	185	132	53
30-34	1,281	884	397	974	679	295	307	205	102
35-39	1,476	1,020	456	1,101	773	328	375	247	128
40-44	1,658	1,056	602	1,301	841	460	357	215	142
45-49	2,320	1,432	888	1,871	1,160	711	449	272	177
50-54	3,556	2,187	1,369	2,931	1,812	1,119	625	375	250
55-59	6,026	3,774	2,252	5,178	3,261	1,917	848	513	335
60-64	10,117	6,238	3,879	8,906	5,512	3,394	1,211	726	485
65-69	13,970	8,209	5,761	12,574	7,409	5,165	1,396	800	596
70-74	17,374	9,719	7,655	15,951	8,978	6,973	1,423	741	682
75-79	18,607	9,471	9,136	17,295	8,830	8,465	1,312	641	671
80-84	17,570	7,748	9,822	16,424	7,239	9,185	1,146	509	637
85+ ***	26,120	8,396	17,724	24,670	7,876	16,794	1,450	520	930

TABLE C-4B
RESIDENT DEATH RATES BY AGE, RACE, AND SEX
PENNSYLVANIA, 1987

AGE GROUP (IN YEARS)	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AGES	10.5	11.1	9.9	10.5	11.1	10.1	9.8	11.4	8.5
UNDER 5	2.4	2.6	2.3	1.9	2.0	1.8	5.7	6.3	5.1
5-9	0.2	0.3	0.1	0.2	0.3	0.1	0.2	0.3	0.2
10-14	0.2	0.3	0.2	0.2	0.3	0.2	0.4	0.5	0.3
15-19	0.7	0.9	0.4	0.6	0.9	0.4	0.7	1.0	0.4
20-24	1.0	1.5	0.5	0.9	1.4	0.4	1.6	2.3	1.0
25-29	1.0	1.6	0.5	1.0	1.5	0.4	1.6	2.4	0.9
30-34	1.3	1.9	0.8	1.1	1.6	0.7	3.1	4.3	1.9
35-39	1.7	2.4	1.0	1.4	2.0	0.8	4.4	6.3	2.7
40-44	2.2	2.9	1.6	1.9	2.6	1.3	5.0	6.8	3.6
45-49	3.8	4.8	2.8	3.3	4.3	2.5	7.7	10.8	5.3
50-54	6.2	8.1	4.6	5.7	7.3	4.1	12.0	16.8	8.3
55-59	10.0	13.4	7.0	9.3	12.5	6.5	16.7	24.0	11.4
60-64	16.3	22.1	11.4	15.5	21.0	10.9	25.5	36.6	17.5
65-69	25.9	35.2	18.8	25.0	34.0	18.2	37.5	52.4	27.2
70-74	39.8	54.7	29.6	39.1	53.9	28.9	50.1	67.2	39.2
75-79	57.7	77.7	45.6	57.4	77.3	45.2	63.2	83.7	51.2
80-84	85.0	107.5	72.9	85.1	107.9	73.0	82.9	103.2	71.7
85+ ***	120.1	121.5	119.5	121.7	123.0	121.1	98.1	102.8	95.7

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
** UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.
***UNKNOWN AGE AT DEATH INCLUDED IN THE 85+ AGE GROUP.

NOTE: RATES PER 1,000 ESTIMATED 1987 POPULATION FOR EACH RACE AND SEX BY AGE GROUP.

TABLE C-5
AGE-ADJUSTED DEATH RATES* BY SEX,
PENNSYLVANIA AND UNITED STATES, 1950, 1960, 1970-1987

	PENNSYLVANIA			UNITED STATES		
YEAR	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
1987	5.6	7.2	4.3	5.4**	7.0**	4.0**
1986	5.5	7.1	4.3	5.4**	7.1**	4.1**
1985	5.6	7.2	4.3	5.5	7.2	4.1
1984	5.6	7.2	4.3	5.5	7.2	4.1
1983	5.7	7.3	4.4	5.5	7.3	4.1
1982	5.7	7.4	4.3	5.5	7.3	4.1
1981	5.8	7.6	4.5	5.7	7.5	4.2
1980	6.1	8.0	4.7	5.9	7.8	4.3
1979	6.0	7.9	4.5	5.8	7.7	4.2
1978	6.2	8.1	4.7	6.0	7.9	4.4
1977	6.3	8.3	4.8	6.0	8.0	4.4
1976	6.5	8.5	4.9	6.2	8.2	4.6
1975	6.6	8.6	5.0	6.3	8.4	4.6
1974	6.8	8.9	5.2	6.6	8.7	4.9
1973	7.1	9.3	5.4	6.9	9.1	5.1
1972	7.2	9.3	5.6	7.0	9.2	5.2
1971	7.3	9.3	5.6	7.0	9.1	5.2
1970	7.5	9.5	5.8	7.1	9.3	5.3
1960	8.0	9.8	6.5	7.6	9.5	5.9
1950	8.9	10.3	7.6	8.4	10.0	6.9

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES ARE PER 1,000 POPULATION.
**PROVISIONAL.

FIGURE C-4
AGE-ADJUSTED DEATH RATES BY SEX
PENNSYLVANIA AND UNITED STATES, 1970-1987

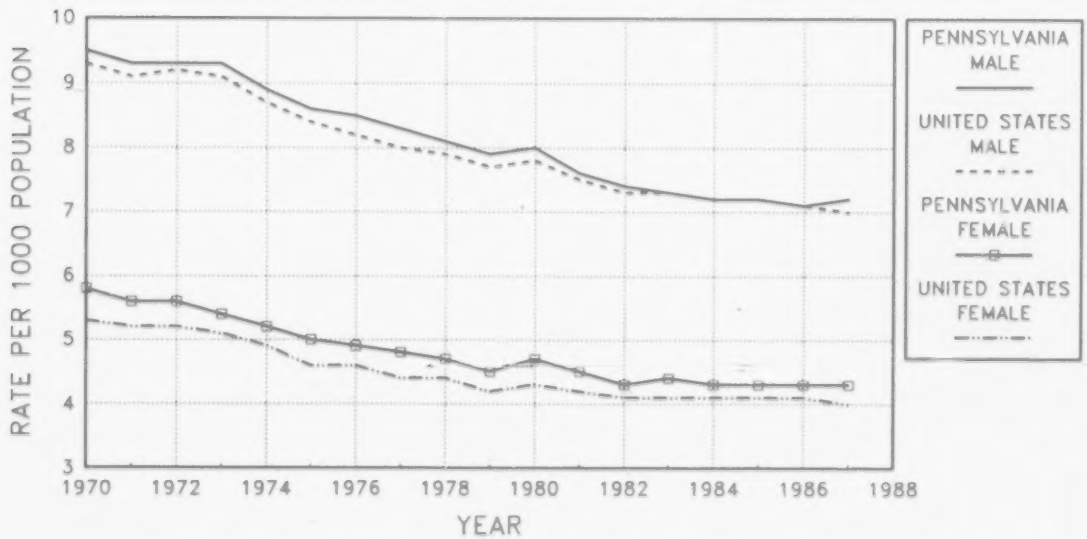


TABLE C-6
AGE-ADJUSTED DEATH RATES* BY RACE,
PENNSYLVANIA AND UNITED STATES, 1950, 1960, 1970-1987

	PENNSYLVANIA			UNITED STATES		
YEAR	ALL RACES	WHITE	ALL OTHER RACES	ALL RACES	WHITE	ALL OTHER RACES
1987	5.6	5.4	6.3	5.4**	5.1**	6.7**
1986	5.5	5.5	6.0	5.4**	5.2**	6.8**
1985	5.6	5.5	6.2	5.5	5.2	7.0
1984	5.6	5.5	6.0	5.5	5.2	6.9
1983	5.7	5.6	6.1	5.5	5.3	7.0
1982	5.7	5.6	6.1	5.6	5.3	7.0
1981	5.9	5.8	6.2	5.7	5.4	7.3
1980	6.1	6.1	6.7	5.9	5.6	7.7
1979	6.0	5.9	6.4	5.8	5.5	7.6
1978	6.2	6.1	6.8	6.0	5.7	7.8
1977	6.3	6.2	7.1	6.0	5.8	8.0
1976	6.5	6.4	7.1	6.2	5.9	8.2
1975	6.6	6.5	7.3	6.3	6.0	8.4
1974	6.8	6.7	7.9	6.6	6.3	8.9
1973	7.1	7.0	8.2	6.9	6.5	9.4
1972	7.2	7.1	8.5	7.0	6.6	9.6
1971	7.3	7.2	8.5	7.0	6.6	9.6
1970	7.5	7.3	8.7	7.1	6.8	9.8
1960	8.0	8.0	8.4	7.6	7.3	10.5
1950	8.9	8.9	10.6	8.4	8.0	12.3

* AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES ARE PER 1,000 POPULATION.
**PROVISIONAL.

FIGURE C-5
AGE-ADJUSTED DEATH RATES BY RACE
PENNSYLVANIA AND UNITED STATES, 1970-1987

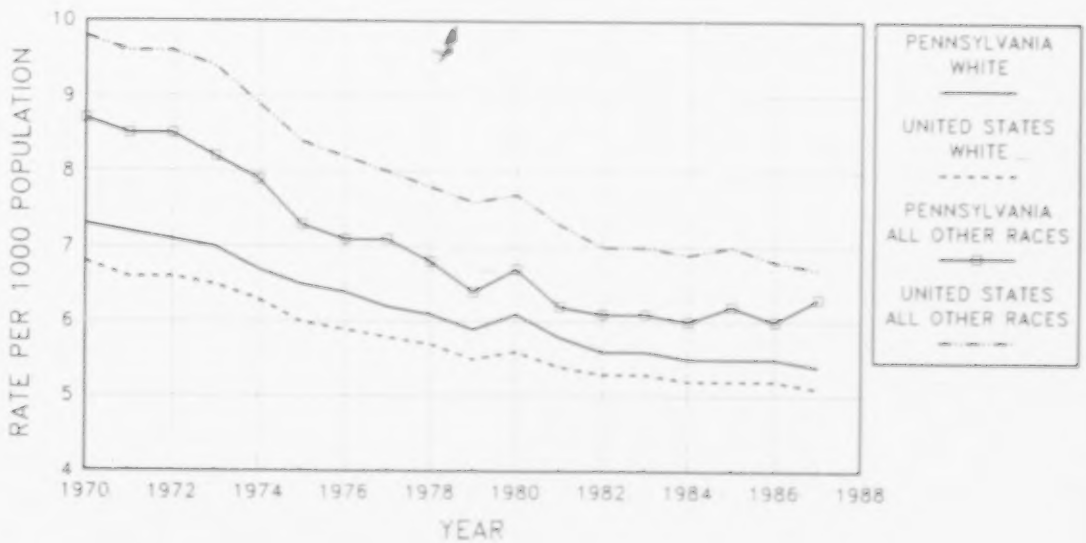


TABLE C-7
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL DEATHS BY RACE
NUMBER AND RATE*: PENNSYLVANIA, 1987

	INFANT DEATHS		NEONATAL DEATHS		POSTNEONATAL DEATHS	
RACE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL RACES	1,654	10.2	1,164	7.2	490	3.0
WHITE	1,100	8.1	790	5.8	310	2.3
ALL OTHER RACES	554	20.4	374	13.8	180	6.6

*RATE PER 1,000 LIVE BIRTHS FOR EACH RACE.

FIGURE C-6
RESIDENT INFANT, NEONATAL, AND POSTNEONATAL
DEATH RATES BY RACE, PENNSYLVANIA, 1987

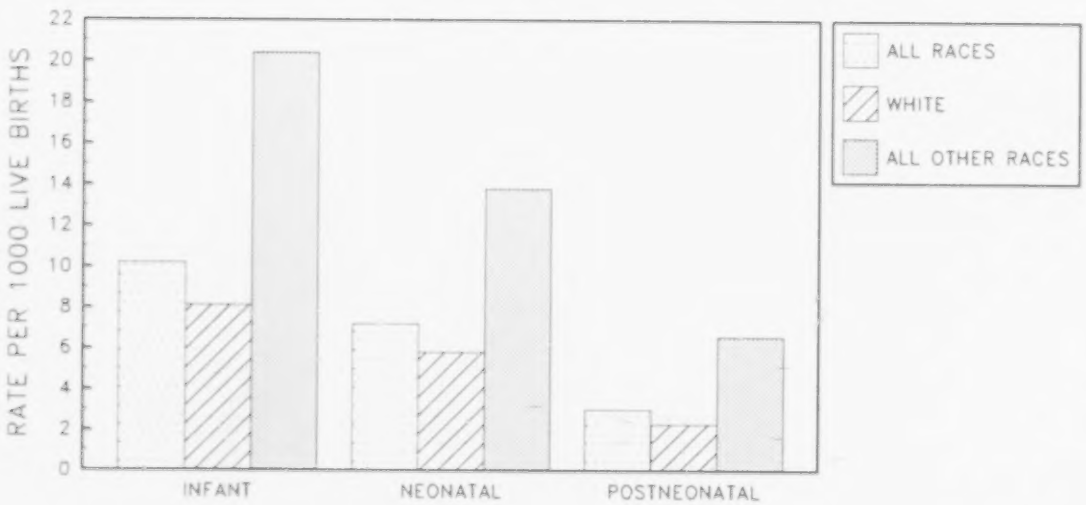


FIGURE C-7
VITAL EVENTS SUMMARY CHART

THE FOLLOWING FIGURES REPRESENT AN AVERAGE DAY OF VITAL EVENTS IN 1987 FOR PENNSYLVANIA RESIDENTS:

ESTIMATED POPULATION AS OF JULY 1, 1987	11,936,396

	NUMBER PER DAY
MARRIAGES*	239
DIVORCES*	106
LIVE BIRTHS	445
DEATHS	342

BY AGE AT DEATH	NUMBER PER DAY
LESS THAN 28 DAYS	3
28-364 DAYS	1
1-19 YEARS	3
20-34 YEARS	9
35-49 YEARS	15
50-64 YEARS	54
65-74 YEARS	86
75 AND OVER	171

BY CAUSE OF DEATH**	NUMBER PER DAY
HEART DISEASE	130
CANCER	79
CEREBROVASCULAR DISEASE	22
ACCIDENTS, ALL FORMS	12
MOTOR VEHICLE	6
OTHER	7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	12
PNEUMONIA AND INFLUENZA	10
DIABETES MELLITUS	7
SEPTICEMIA	5
NEPHRITIS, NEPHROSIS, ETC.	4
SUICIDE	4
ALL OTHER CAUSES	58

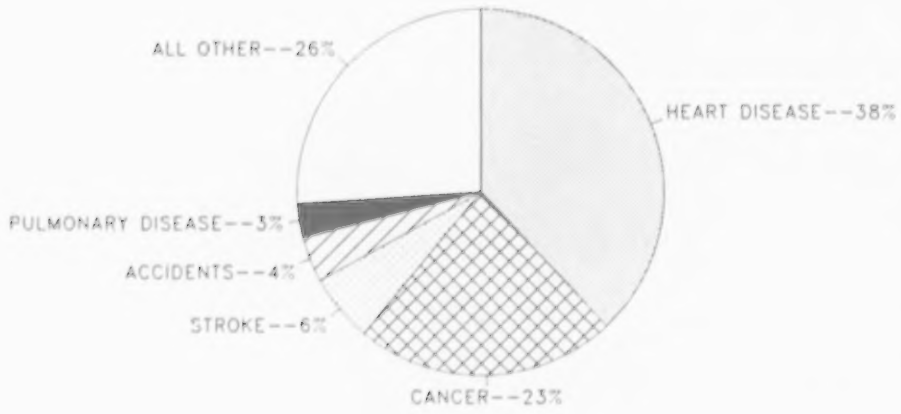
* FIGURES FOR MARRIAGES AND DIVORCES ARE OCCURRENCE DATA.
** COLUMN DOES NOT EQUAL TOTAL DEATHS PER DAY DUE TO ROUNDING.

TABLE C-8
LEADING CAUSES OF DEATH,
PENNSYLVANIA RESIDENTS, 1987, 1980, 1970, 1960, 1950, 1940

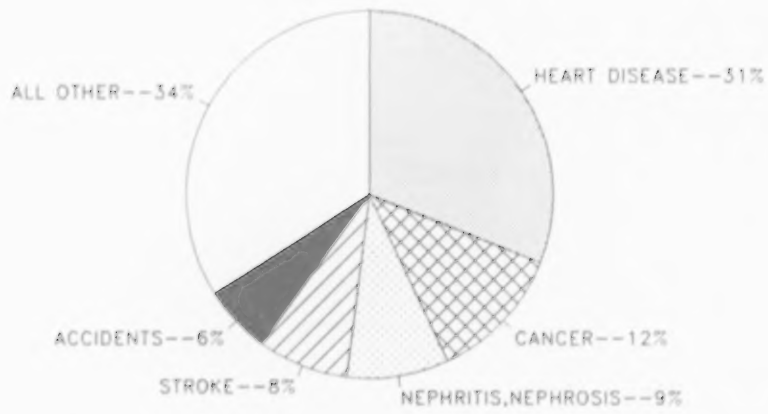
CAUSE OF DEATH*	1987		1980		1970		1960		1950		1940	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	124,986		123,233		126,564		121,163		110,212		111,977	
HEART DISEASE	47,381	1	50,677	1	52,476	1	51,431	1	43,793	1	34,333	1
NEOPLASMS, MALIGNANT	28,767	2	26,040	2	22,013	2	19,612	2	16,326	2	13,055	2
CEREBROVAS-CULAR DIS.	8,019	3	9,539	3	12,573	3	12,632	3	11,043	3	8,857	4
ACCIDENTS, ALL FORMS	4,464	4	4,586	4	5,336	4	4,866	4	5,697	4	7,206	5
CHRONIC OBSTRUCTIVE PULMONARY DIS.	4,220	5	3,263	5	**		**		**		**	
PNEUMONIA AND INFLUENZA	3,669	6	2,869	6	3,466	5	3,889	5	3,116	6	6,712	6
DIABETES MELLITUS	2,504	7	2,599	7	2,819	6	2,779	8	2,418	10	3,617	9
SEPTICEMIA	1,786	8	803		215		121		42		**	
NEPHRITIS AND NEPHROSIS	1,636	9	1,109		530		938		2,498	8	9,728	3
SUICIDE	1,489	10	1,317	10	1,337	10	1,099		1,001		1,312	
LIVER DISEASE AND CIRRHOSIS	1,276		1,625	9	1,846	9	1,321	9	1,099		950	
ATHEROSCLEROSIS	1,071		1,837	8	2,320	8	2,899	7	2,723	7	**	
PERINATAL CONDITIONS	857		1,194		2,391	7	3,820	6	3,835	5	3,679	8
CONGENITAL ANOMALIES	577		661		984		1,266	10	1,177		1,119	
TUBERCULOSIS, ALL FORMS	73		123		414		902		2,474	9	4,252	7
SYPHILIS AND SEQUELAE	2		9		36		242		402		1,325	10
ALL OTHER	17,195		15,785		18,023		13,466		12,603		15,788	

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975. THE ICD CODES USED FOR SYPHILIS AND SEQUELAE WERE 090-097. SEE TECHNICAL NOTES FOR ALL OTHER CAUSE OF DEATH ICD CODES.
**DATA NOT AVAILABLE.

FIGURE C-8
RESIDENT DEATHS, PERCENT BY FIVE LEADING CAUSES
PENNSYLVANIA, 1987 AND 1940



1 9 8 7



1 9 4 0

TABLE C-9
MEDIAN AGE AT DEATH FOR SELECTED LEADING CAUSES BY RACE AND SEX
PENNSYLVANIA RESIDENTS, 1987

CAUSE OF DEATH	MEDIAN AGE AT DEATH								
	ALL RACES			WHITE*			ALL OTHER RACES		
	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL CAUSES	74.9	71.9	78.3	75.6	72.5	78.8	67.4	64.8	71.0
HEART DISEASE	77.7	73.7	81.4	78.0	74.0	81.7	72.9	70.0	75.9
MALIGNANT NEOPLASMS	70.6	70.2	71.1	71.0	70.5	71.5	67.1	67.1	67.1
CEREBROVASCULAR DISEASE	80.2	77.0	82.1	80.6	77.5	82.5	73.0	68.5	74.8
ACCIDENTS, ALL FORMS	44.9	37.3	66.5	46.2	36.8	68.6	40.5	39.7	43.4
NON-MOTOR VEHICLE	64.7	54.0	76.7	67.5	56.4	78.0	45.0	42.4	56.8
MOTOR VEHICLE	31.2	29.7	36.9	31.2	29.7	37.6	30.3	30.4	29.5
CHRONIC OBSTR. PULM. DIS.	75.3	75.3	75.4	75.5	75.5	75.7	69.8	70.3	68.6
PNEUMONIA & INFLUENZA	82.6	79.7	84.9	83.0	80.0	85.3	74.0	73.2	74.6
DIABETES MELLITUS	73.9	71.4	75.8	74.3	71.9	76.1	70.1	66.1	73.9
SEPTICEMIA	79.0	76.6	80.9	79.7	77.5	81.7	73.8	71.3	75.5
NEPHRITIS, NEPHROSIS, ETC.	78.3	77.3	79.5	79.0	77.8	80.3	73.5	73.1	74.5
SUICIDE	43.0	41.9	46.7	43.9	43.2	47.5	33.4	31.3	40.1
LIVER DISEASE & CIRRHOSIS	63.4	62.1	67.1	64.9	63.3	68.8	53.9	53.8	53.9
ATHEROSCLEROSIS	85.7	82.9	87.4	85.9	83.0	87.7	81.8	75.5	83.1
AORTIC ANEURYSM	75.2	74.3	77.3	75.5	74.5	77.6	70.6	65.0	72.1
HOMICIDE & LEGAL INTERV.	30.8	30.9	30.8	31.3	30.6	33.4	30.4	31.2	25.7
PNEUMOCONIOSIS	76.9	76.9	-	76.6	76.6	-	-	-	-

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

NOTE: MEDIAN AGE FOR CATEGORIES WITH 10 DEATHS OR LESS ARE NOT CALCULATED AND ARE INDICATED WITH A DASH (-).

TABLE C-10A
SELECTED CAUSES OF DEATH BY AGE GROUP
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	124,986		1,970		1,907		5,449		22,019		67,521		26,120	
HEART DISEASE	47,381	1	52	4	63	5	798	3	7,029	2	26,837	1	12,602	1
MALIGNANT NEOPLASMS	28,767	2	23	7	154	4	964	2	8,007	1	16,793	2	2,826	2
CEREBROVASCULAR DISEASE	8,019	3	5		11	10	153	8	820	3	4,526	3	2,504	3
ACCIDENTS, ALL FORMS	4,464	4	140	3	930	1	1,158	1	697	4	1,118	7	421	9
NON-MOTOR VEHICLE	2,417		102		234		459		418		812		392	
MOTOR VEHICLE	2,047		38		696		699		279		306		29	
CHRONIC OBSTR. PULM. DIS.	4,220	5	1		9		28		599	5	2,962	4	621	5
PNEUMONIA & INFLUENZA	3,669	6	27	6	20	7	68	10	274	9	1,785	5	1,495	4
DIABETES MELLITUS	2,504	7	0		2		84	9	495	7	1,514	6	409	10
SEPTICEMIA	1,786	8	17	8	5		44		216	10	980	8	524	7
NEPHRITIS, NEPHROSIS, ETC.	1,636	9	14	9	9		33		176		974	9	430	8
SUICIDE	1,489	10	0		248	2	538	4	358	8	312		33	
LIVER DISEASE & CIRRHOSIS	1,276		0		4		164	7	521	6	560		27	
ATHEROSCLEROSIS	1,071		0		0		0		29		468		574	6
AORTIC ANEURYSM	946		0		2		18		114		654	10	158	
PERINATAL CONDITIONS	857		855	1	1		0		0		1		0	
HOMICIDE & LEGAL INTERV.	644		29	5	169	3	324	5	69		48		5	
CONGENITAL ANOMALIES	577		409	2	47	6	36		36		40		9	
PNEUMOCONIOSIS	504		0		0		0		36		401		67	
HYPERTENSION	444		0		0		17		69		237		121	
BENIGN/UNSPEC. NEOPLASMS	407		4		7		19		82		238		57	
PARKINSONS DISEASE	388		0		0		0		12		282		94	
HIV INFECTION	365		3		19	8	263	6	67		11		2	
ULCERS OF STOMACH/DUODENUM	303		0		0		8		42		180		73	
HERNIA/INTESTINAL OBSTR.	300		3		2		5		23		150		117	
ANEMIAS	248		0		7		12		30		118		81	
NUTRITIONAL DEFICIENCIES	173		1		0		0		8		82		82	
GALL BLADDER DISORDERS	163		0		0		2		16		103		42	
DISEASES OF PANCREAS	142		0		0		8		42		76		16	
ALCOHOLISM	128		0		2		36		65		24		1	
EPILEPSY	98		0		15	9	25		27		26		5	
VENOUS EMBOLISM & THROMB.	98		0		3		6		23		49		17	
MULTIPLE SCLEROSIS	84		0		1		16		38		25		4	
TUBERCULOSIS	73		0		1		3		14		45		10	
INFECTIONS OF KIDNEY	62		0		0		0		8		34		20	
MENINGITIS	50		13	10	4		3		9		16		5	
ALL OTHER CAUSES	11,650		374		172		616		1,968		5,852		2,668	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10B
SELECTED CAUSES OF DEATH BY AGE GROUP - MALES
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	63,393		1,082		1,383		3,754		13,631		35,147		8,396	
HEART DISEASE	23,207	1	30	4	39	5	586	2	4,932	1	13,906	1	3,714	1
MALIGNANT NEOPLASMS	15,063	2	9	7	94	4	435	4	4,300	2	9,029	2	1,196	2
CEREBROVASCULAR DISEASE	3,088	3	3		3		76	8	457	4	1,921	3	628	3
ACCIDENTS, ALL FORMS	2,929	4	81	3	706	1	916	1	482	3	593	7	151	8
NON-MOTOR VEHICLE	1,510		65		190		388		308		427		132	
MOTOR VEHICLE	1,419		16		516		528		174		166		19	
CHRONIC OBSTR. PULM. DIS.	2,565	5	0		6	10	16		365	5	1,831	4	347	5
PNEUMONIA & INFLUENZA	1,713	6	9	7	13	8	42	10	180	9	950	5	519	4
DIABETES MELLITUS	1,032	8	0		1		49	9	251	8	613	6	118	10
SEPTICEMIA	783	10	11	6	2		27		110	10	462	9	171	6
NEPHRITIS, NEPHROSIS, ETC.	773		8	9	5		21		94		480	8	165	7
SUICIDE	1,210	7	0		211	2	442	3	260	7	267		30	
LIVER DISEASE & CIRRHOSIS	817	9	0		3		118	7	361	6	320		15	
ATHEROSCLEROSIS	352		0		0		0		21		189		142	9
AORTIC ANEURYSM	613		0		1		16		88		424	10	84	
PERINATAL CONDITIONS	471		470	1	1		0		0		0		0	
HOMICIDE & LEGAL INTERV.	475		19	5	120	3	257	5	50		28		1	
CONGENITAL ANOMALIES	308		217	2	28	6	20		16		22		5	
PNEUMOCONIOSIS	502		0		0		0		36		399		67	
HYPERTENSION	191		0		0		12		47		102		30	
BENIGN/UNSPEC. NEOPLASMS	201		3		5		7		50		118		18	
PARKINSONS DISEASE	225		0		0		0		11		161		53	
HIV INFECTION	341		1		17	7	250	6	62		9		2	
ULCERS OF STOMACH/DUODENUM	152		0		0		6		27		96		23	
HERNIA/INTESTINAL OBSTR.	91		2		1		2		12		52		22	
ANEMIAS	100		0		3		4		18		54		21	
NUTRITIONAL DEFICIENCIES	55		0		0		0		6		30		19	
GALL BLADDER DISORDERS	69		0		0		1		7		48		13	
DISEASES OF PANCREAS	71		0		0		5		27		36		3	
ALCOHOLISM	99		0		1		24		52		21		1	
EPILEPSY	56		0		9	9	13		20		13		1	
VENOUS EMBOLISM & THROMB.	41		0		2		4		14		18		3	
MULTIPLE SCLEROSIS	28		0		1		7		13		6		1	
TUBERCULOSIS	54		0		0		2		11		34		7	
INFECTIONS OF KIDNEY	18		0		0		0		3		12		3	
MENINGITIS	25		7	10	4		2		4		8		0	
ALL OTHER CAUSES	5,675		212		107		394		1,244		2,895		823	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10C
SELECTED CAUSES OF DEATH BY AGE GROUP - FEMALES
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987

	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
CAUSE OF DEATH	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	61,593		888		524		1,695		8,388		32,374		17,724	
HEART DISEASE	24,174	1	22	4	24	5	212	3	2,097	2	12,931	1	8,888	1
MALIGNANT NEOPLASMS	13,704	2	14	6	60	2	529	1	3,707	1	7,764	2	1,630	3
CEREBROVASCULAR DISEASE	4,931	3	2		8	7	77	5	363	3	2,605	3	1,876	2
ACCIDENTS, ALL FORMS	1,535	6	59	3	224	1	242	2	215	6	525	7	270	9
NON-MOTOR VEHICLE	907		37		44		71		110		385		260	
MOTOR VEHICLE	628		22		180		171		105		140		10	
CHRONIC OBSTR. PULM. DIS.	1,655	5	1		3		12		234	5	1,131	4	274	8
PNEUMONIA & INFLUENZA	1,956	4	18	5	7	8	26	9	94	10	835	6	976	4
DIABETES MELLITUS	1,472	7	0		1		35	8	244	4	901	5	291	7
SEPTICEMIA	1,003	8	6	8	3		17	10	106	8	518	8	353	6
NEPHRITIS, NEPHROSIS, ETC.	863	9	6	8	4	10	12		82		494	9	265	10
SUICIDE	279		0		37	4	96	4	98	9	45		3	
LIVER DISEASE & CIRRHOSIS	459		0		1		46	7	160	7	240		12	
ATHEROSCLEROSIS	719	10	0		0		0		8		279	10	432	5
AORTIC ANEURYSM	333		0		1		2		26		230		74	
PERINATAL CONDITIONS	386		385	1	0		0		0		1		0	
HOMICIDE & LEGAL INTERV.	169		10	7	49	3	67	6	19		20		4	
CONGENITAL ANOMALIES	269		192	2	19	6	16		20		18		4	
PNEUMOCONIOSIS	2		0		0		0		0		2		0	
HYPERTENSION	253		0		0		5		22		135		91	
BENIGN/UNSPEC. NEOPLASMS	206		1		2		12		32		120		39	
PARKINSONS DISEASE	163		0		0		0		1		121		41	
HIV INFECTION	24		2		2		13		5		2		0	
ULCERS OF STOMACH/DUODENUM	151		0		0		2		15		84		50	
HERNIA/INTESTINAL OBSTR.	209		1		1		3		11		98		95	
ANEMIAS	148		0		4	10	8		12		64		60	
NUTRITIONAL DEFICIENCIES	118		1		0		0		2		52		63	
GALL BLADDER DISORDERS	94		0		0		1		9		55		29	
DISEASES OF PANCREAS	71		0		0		3		15		40		13	
ALCOHOLISM	29		0		1		12		13		3		0	
EPILEPSY	42		0		6	9	12		7		13		4	
VENOUS EMBOLISM & THROMB.	57		0		1		2		9		31		14	
MULTIPLE SCLEROSIS	56		0		0		9		25		19		3	
TUBERCULOSIS	19		0		1		1		3		11		3	
INFECTIONS OF KIDNEY	44		0		0		0		5		22		17	
MENINGITIS	25		6	8	0		1		5		8		5	
ALL OTHER CAUSES	5,975		162		65		222		724		2,957		1,845	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10D
SELECTED CAUSES OF DEATH BY AGE GROUP - WHITE POPULATION
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	112,947		1,336		1,586		4,225		18,886		62,244		24,670	
HEART DISEA E	44,227	1	34	4	48	5	662	3	6,301	2	25,140	1	12,042	1
MALIGNANT NEOPLASMS	26,067	2	21	5	128	3	808	2	7,015	1	15,453	2	2,642	2
CEREBROVASCULAR DISEASE	7,325	3	5		6	10	109	8	648	3	4,171	3	2,386	3
ACCIDENTS, ALL FORMS	3,969	5	97	3	851	1	1,001	1	598	4	1,029	7	393	8
NON-MOTOR VEHICLE	2,067		63		201		358		346		733		366	
MOTOR VEHICLE	1,902		34		650		643		252		296		27	
CHRONIC OBSTR. PULM. DIS.	3,999	4	0		5		20		537	5	2,834	4	603	5
PNEUMONIA & INFLUENZA	3,380	6	19	6	20	7	40	10	218	9	1,659	5	1,424	4
DIABETES MELLITUS	2,227	7	0		2		68	9	406	7	1,373	6	378	9
SEPTICEMIA	1,468	8	11	8	5		26		152	10	819	9	455	7
NEPHRITIS, NEPHROSIS, ETC.	1,389	9	9	10	7	9	20		128		847	8	378	9
SUICIDE	1,385	10	0		219	2	491	4	343	8	299		33	
LIVER DISEASE & CIRRHOSIS	1,114		0		3		110	7	445	6	530		26	
ATHEROSCLEROSIS	1,028		0		0		0		26		444		558	6
AORTIC ANEURYSM	883		0		2		14		98		620	10	149	
PERINATAL CONDITIONS	537		535	1	1		0		0		1		0	
HOMICIDE & LEGAL INTERV.	325		17	7	73	4	168	5	31		33		3	
CONGENITAL ANOMALIES	484		335	2	39	6	31		31		39		9	
PNEUMOCONIOSIS	494		0		0		0		35		397		62	
HYPERTENSION	386		0		0		11		56		204		115	
BENIGN/UNSPEC. NEOPLASMS	375		4		6	10	17		71		222		55	
PARKINSONS DISEASE	374		0		0		0		10		272		92	
HIV INFECTION	219		3		5		154	6	44		11		2	
ULCERS OF STOMACH/DUODENUM	284		0		0		6		39		169		70	
HERNIA/INTESTINAL OBSTR.	274		3		1		3		17		139		111	
ANEMIAS	220		0		3		4		27		109		77	
NUTRITIONAL DEFICIENCIES	152		1		0		0		5		71		75	
GALL BLADDER DISORDERS	153		0		0		1		16		94		42	
DISEASES OF PANCREAS	118		0		0		3		33		67		15	
ALCOHOLISM	84		0		1		18		44		20		1	
EPILEPSY	73		0		13	8	18		18		20		4	
VENOUS EMBOLISM & THROMB.	81		0		2		3		18		43		15	
MULTIPLE SCLEROSIS	78		0		1		14		35		24		4	
TUBERCULOSIS	51		0		0		1		5		38		7	
INFECTIONS OF KIDNEY	57		0		0		0		6		32		19	
MENINGITIS	36		10	9	4		1		3		14		4	
ALL OTHER CAUSES	9,631		232		141		403		1,427		5,007		2,421	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-10E
SELECTED CAUSES OF DEATH BY AGE GROUP - FOR RACES OTHER THAN WHITE
NUMBER AND RANK: PENNSYLVANIA RESIDENTS, 1987

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS & OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	12,039		634		321		1,224		3,133		5,277		1,450	
HEART DISEASE	3,154	1	18	4	15	5	136	4	728	2	1,697	1	560	1
MALIGNANT NEOPLASMS	2,700	2	2	10	26	4	156	2	992	1	1,340	2	184	2
CEREBROVASCULAR DISEASE	694	3	0		5	8	44	8	172	3	355	3	118	3
ACCIDENTS, ALL FORMS	495	4	43	3	79	2	157	1	99	4	89	9	28	8
NON-MOTOR VEHICLE	350		39		33		101		72		79		26	
MOTOR VEHICLE	145		4		46		56		27		10		2	
CHRONIC OBSTR. PULM. DIS.	221		1		4	9	8		62	8	128	6	18	9
PNEUMONIA & INFLUENZA	289	8	8	6	0		28	9	56	9	126	8	71	4
DIABETES MELLITUS	277	9	0		0		16		89	5	141	5	31	7
SEPTICEMIA	318	7	6	7	0		18	10	64	7	161	4	69	5
NEPHRITIS, NEPHROSIS, ETC.	247	10	5	8	2		13		48	10	127	7	52	6
SUICIDE	104		0		29	3	47	7	15		13		0	
LIVER DISEASE & CIRRHOSIS	162		0		1		54	6	76	6	30		1	
ATHEROSCLEROSIS	43		0		0		0		3		24		16	10
AORTIC ANEURYSM	63		0		0		4		16		34	10	9	
PERINATAL CONDITIONS	320	5	320	1	0		0		0		0		0	
HOMICIDE & LEGAL INTERV.	319	6	12	5	96	1	156	2	38		15		2	
CONGENITAL ANOMALIES	93		74	2	8	7	5		5		1		0	
PNEUMOCONIOSIS	10		0		0		0		1		4		5	
HYPERTENSION	58		0		0		6		13		33		6	
BENIGN/UNSPEC. NEOPLASMS	32		0		1		2		11		16		2	
PARKINSONS DISEASE	14		0		0		0		2		10		2	
HIV INFECTION	146		0		14	6	109	5	23		0		0	
ULCERS OF STOMACH/DUODENUM	19		0		0		2		3		11		3	
HERNIA/INTESTINAL OBSTR.	26		0		1		2		6		11		6	
ANEMIAS	28		0		4	9	8		3		9		4	
NUTRITIONAL DEFICIENCIES	21		0		0		0		3		11		7	
GALL BLADDER DISORDERS	10		0		0		1		0		9		0	
DISEASES OF PANCREAS	24		0		0		5		9		9		1	
ALCOHOLISM	44		0		1		18	10	21		4		0	
EPILEPSY	25		0		2		7		9		6		1	
VENOUS EMBOLISM & THROMB.	17		0		1		3		5		6		2	
MULTIPLE SCLEROSIS	6		0		0		2		3		1		0	
TUBERCULOSIS	22		0		1		2		9		7		3	
INFECTIONS OF KIDNEY	5		0		0		0		2		2		1	
MENINGITIS	14		3	9	0		2		6		2		1	
ALL OTHER CAUSES	2,019		142		31		213		541		845		247	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-11A
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP, PENNSYLVANIA, 1987

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,047.1	244.5	55.6	152.8	911.9	4,487.0	12,011.4
HEART DISEASE	396.9	6.5	1.8	22.4	291.1	1,783.4	5,795.1
MALIGNANT NEOPLASMS	241.0	2.9	4.5	27.0	331.6	1,115.9	1,299.5
CEREBROVASCULAR DISEASE	67.2	0.6	0.3	4.3	34.0	300.8	1,151.5
ACCIDENTS, ALL FORMS	37.4	17.4	27.1	32.5	28.9	74.3	193.6
NON-MOTOR VEHICLE	20.2	12.7	6.8	12.9	17.3	54.0	180.3
MOTOR VEHICLE	17.1	4.7	20.3	19.6	11.6	20.3	13.3
CHRONIC OBSTR. PULM. DIS.	35.4	0.1	0.3	0.8	24.8	196.8	285.6
PNEUMONIA & INFLUENZA	30.7	3.4	0.6	1.9	11.3	118.6	687.5
DIABETES MELLITUS	21.0	-	0.1	2.4	20.5	100.6	188.1
SEPTICEMIA	15.0	2.1	0.1	1.2	8.9	65.1	241.0
NEPHRITIS, NEPHROSIS, ETC.	13.7	1.7	0.3	0.9	7.3	64.7	197.7
SUICIDE	12.5	-	7.2	15.1	14.8	20.7	15.2
LIVER DISEASE & CIRRHOSIS	10.7	-	0.1	4.6	21.6	37.2	12.4
ATHEROSCLEROSIS	9.0	-	-	-	1.2	31.1	264.0
AORTIC ANEURYSM	7.9	-	0.1	0.5	4.7	43.5	72.7
PERINATAL CONDITIONS	7.2	106.1	0.0	-	-	0.1	-
HOMICIDE & LEGAL INTERV.	5.4	3.6	4.9	9.1	2.9	3.2	2.3
CONGENITAL ANOMALIES	4.8	50.8	1.4	1.0	1.5	2.7	4.1
PNEUMOCONIOSIS	4.2	-	-	-	1.5	26.6	30.8
HYPERTENSION	3.7	-	-	0.5	2.9	15.7	55.6
BENIGN/UNSPEC. NEOPLASMS	3.4	0.5	0.2	0.5	3.4	15.8	26.2
PARKINSONS DISEASE	3.3	-	-	-	0.5	18.7	43.2
HIV INFECTION	3.1	0.4	0.6	7.4	2.8	0.7	0.9
ULCERS OF STOMACH/DUODENUM	2.5	-	-	0.2	1.7	12.0	33.6
HERNIA/INTESTINAL OBSTR.	2.5	0.4	0.1	0.1	1.0	10.0	53.8
ANEMIAS	2.1	-	0.2	0.3	1.2	7.8	37.2
NUTRITIONAL DEFICIENCIES	1.4	0.1	-	-	0.3	5.4	37.7
GALL BLADDER DISORDERS	1.4	-	-	0.1	0.7	6.8	19.3
DISEASES OF PANCREAS	1.2	-	-	0.2	1.7	5.1	7.4
ALCOHOLISM	1.1	-	0.1	1.0	2.7	1.6	0.5
EPILEPSY	0.8	-	0.4	0.7	1.1	1.7	2.3
VENOUS EMBOLISM & THROMB.	0.8	-	0.1	0.2	1.0	3.3	7.8
MULTIPLE SCLEROSIS	0.7	-	0.0	0.4	1.6	1.7	1.8
TUBERCULOSIS	0.6	-	0.0	0.1	0.6	3.0	4.6
INFECTIONS OF KIDNEY	0.5	-	-	-	0.3	2.3	9.2
MENINGITIS	0.4	1.6	0.1	0.1	0.4	1.1	2.3
ALL OTHER CAUSES	97.6	46.4	5.0	17.3	81.5	388.9	1,226.9

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11B
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - MALES, PENNSYLVANIA, 1987

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,109.6	262.0	79.3	214.1	1,206.2	5,810.3	12,151.7
HEART DISEASE	406.2	7.3	2.2	33.4	436.4	2,298.9	5,375.4
MALIGNANT NEOPLASMS	263.7	2.2	5.4	24.8	380.5	1,492.6	1,731.0
CEREBROVASCULAR DISEASE	54.1	0.7	0.2	4.3	40.4	317.6	908.9
ACCIDENTS, ALL FORMS	51.3	19.6	40.5	52.3	42.7	98.0	218.5
NON-MOTOR VEHICLE	26.4	15.7	10.9	22.1	27.3	70.6	191.0
MOTOR VEHICLE	24.8	3.9	29.6	30.1	15.4	27.4	27.5
CHRONIC OBSTR. PULM. DIS.	44.9	-	0.3	0.9	32.3	302.7	502.2
PNEUMONIA & INFLUENZA	30.0	2.2	0.7	2.4	15.9	157.0	751.2
DIABETES MELLITUS	18.1	-	0.1	2.8	22.2	101.3	170.8
SEPTICEMIA	13.7	2.7	0.1	1.5	9.7	76.4	247.5
NEPHRITIS, NEPHROSIS, ETC.	13.5	1.9	0.3	1.2	8.3	79.4	238.8
SUICIDE	21.2	-	12.1	25.2	23.0	44.1	43.4
LIVER DISEASE & CIRRHOSIS	14.3	-	0.2	6.7	31.9	52.9	21.7
ATHEROSCLEROSIS	6.2	-	-	-	1.9	31.2	205.5
AORTIC ANEURYSM	10.7	-	0.1	0.9	7.8	70.1	121.6
PERINATAL CONDITIONS	8.2	113.8	0.1	-	-	-	-
HOMICIDE & LEGAL INTERV.	8.3	4.6	6.9	14.7	4.4	4.6	1.4
CONGENITAL ANOMALIES	5.4	52.5	1.6	1.1	1.4	3.6	7.2
PNEUMOCONIOSIS	8.8	-	-	-	3.2	66.0	97.0
HYPERTENSION	3.3	-	-	0.7	4.2	16.9	43.4
BENIGN/UNSPEC. NEOPLASMS	3.5	0.7	0.3	0.4	4.4	19.5	26.1
PARKINSONS DISEASE	3.9	-	-	-	1.0	26.6	76.7
HIV INFECTION	6.0	0.2	1.0	14.3	5.5	1.5	2.9
ULCERS OF STOMACH/DUODENUM	2.7	-	-	0.3	2.4	15.9	33.3
HERNIA/INTESTINAL OBSTR.	1.6	0.5	0.1	0.1	1.1	8.6	31.8
ANEMIAS	1.8	-	0.2	0.2	1.6	8.9	30.4
NUTRITIONAL DEFICIENCIES	1.0	-	-	-	0.5	5.0	27.5
GALL BLADDER DISORDERS	1.2	-	-	0.1	0.6	7.9	18.8
DISEASES OF PANCREAS	1.2	-	-	0.3	2.4	6.0	4.3
ALCOHOLISM	1.7	-	0.1	1.4	4.6	3.5	1.4
EPILEPSY	1.0	-	0.5	0.7	1.8	2.1	1.4
VENOUS EMBOLISM & THROMB.	0.7	-	0.1	0.2	1.2	3.0	4.3
MULTIPLE SCLEROSIS	0.5	-	0.1	0.4	1.2	1.0	1.4
TUBERCULOSIS	0.9	-	-	0.1	1.0	5.6	10.1
INFECTIONS OF KIDNEY	0.3	-	-	-	0.3	2.0	4.3
MENINGITIS	0.4	1.7	0.2	0.1	0.4	1.3	-
ALL OTHER CAUSES	99.3	51.3	6.1	22.5	110.1	478.6	1,191.1

* RATE PER 100,000 ESTIMATED 1987 MALE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11C
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - FEMALES, PENNSYLVANIA, 1987

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	989.7	226.1	31.1	93.5	653.0	3,597.5	11,946.1
HEART DISEASE	388.4	5.6	1.4	11.7	163.3	1,436.9	5,990.6
MALIGNANT NEOPLASMS	220.2	3.6	3.6	29.2	288.6	862.7	1,098.6
CEREBROVASCULAR DISEASE	79.2	0.5	0.5	4.2	28.3	289.5	1,264.4
ACCIDENTS, ALL FORMS	24.7	15.0	13.3	13.3	16.7	58.3	182.0
NON-MOTOR VEHICLE	14.6	9.4	2.6	3.9	8.6	42.8	175.2
MOTOR VEHICLE	10.1	5.6	10.7	9.4	8.2	15.6	6.7
CHRONIC OBSTR. PULM. DIS.	26.6	0.3	0.2	0.7	18.2	125.7	184.7
PNEUMONIA & INFLUENZA	31.4	4.6	0.4	1.4	7.3	92.8	657.8
DIABETES MELLITUS	23.7	-	0.1	1.9	19.0	100.1	196.1
SEPTICEMIA	16.1	1.5	0.2	0.9	8.3	57.6	237.9
NEPHRITIS, NEPHROSIS, ETC.	13.9	1.5	0.2	0.7	6.4	54.9	178.6
SUICIDE	4.5	-	2.2	5.3	7.6	5.0	2.0
LIVER DISEASE & CIRRHOSIS	7.4	-	0.1	2.5	12.5	26.7	8.1
ATHEROSCLEROSIS	11.6	-	-	-	0.6	31.0	291.2
AORTIC ANEURYSM	5.4	-	0.1	0.1	2.0	25.6	49.9
PERINATAL CONDITIONS	6.2	98.0	-	-	-	0.1	-
HOMICIDE & LEGAL INTERV.	2.7	2.5	2.9	3.7	1.5	2.2	2.7
CONGENITAL ANOMALIES	4.3	48.9	1.1	0.9	1.6	2.0	2.7
PNEUMOCONIOSIS	0.0	-	-	-	-	0.2	-
HYPERTENSION	4.1	-	-	0.3	1.7	15.0	61.3
BENIGN/UNSPEC. NEOPLASMS	3.3	0.3	0.1	0.7	2.5	13.3	26.3
PARKINSONS DISEASE	2.6	-	-	-	0.1	13.4	27.6
HIV INFECTION	0.4	0.5	0.1	0.7	0.4	0.2	-
ULCERS OF STOMACH/DUODENUM	2.4	-	-	0.1	1.2	9.3	33.7
HERNIA/INTESTINAL OBSTR.	3.4	0.3	0.1	0.2	0.9	10.9	64.0
ANEMIAS	2.4	-	0.2	0.4	0.9	7.1	40.4
NUTRITIONAL DEFICIENCIES	1.9	0.3	-	-	0.2	5.8	42.5
GALL BLADDER DISORDERS	1.5	-	-	0.1	0.7	6.1	19.5
DISEASES OF PANCREAS	1.1	-	-	0.2	1.2	4.4	8.8
ALCOHOLISM	0.5	-	0.1	0.7	1.0	0.3	-
EPILEPSY	0.7	-	0.4	0.7	0.5	1.4	2.7
VENOUS EMBOLISM & THROMB.	0.9	-	0.1	0.1	0.7	3.4	9.4
MULTIPLE SCLEROSIS	0.9	-	-	0.5	1.9	2.1	2.0
TUBERCULOSIS	0.3	-	0.1	0.1	0.2	1.2	2.0
INFECTIONS OF KIDNEY	0.7	-	-	-	0.4	2.4	11.5
MENINGITIS	0.4	1.5	-	0.1	0.4	0.9	3.4
ALL OTHER CAUSES	96.0	41.2	3.9	12.2	56.4	328.6	1,243.5

* RATE PER 100,000 ESTIMATED 1987 FEMALE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11D
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - WHITE POPULATION, PENNSYLVANIA, 1987

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	1,054.3	192.2	52.7	132.3	856.3	4,431.4	12,171.7
HEART DISEASE	412.8	4.9	1.6	20.7	285.7	1,789.8	5,941.3
MALIGNANT NEOPLASMS	243.3	3.0	4.3	25.3	318.1	1,100.2	1,303.5
CEREBROVASCULAR DISEASE	68.4	0.7	0.2	3.4	29.4	297.0	1,177.2
ACCIDENTS, ALL FORMS	37.0	14.0	28.3	31.3	27.1	73.3	193.9
NON-MOTOR VEHICLE	19.3	9.1	6.7	11.2	15.7	52.2	180.6
MOTOR VEHICLE	17.8	4.9	21.6	20.1	11.4	21.1	13.3
CHRONIC OBSTR. PULM. DIS.	37.3	-	0.2	0.6	24.3	201.8	297.5
PNEUMONIA & INFLUENZA	31.6	2.7	0.7	1.3	9.9	118.1	702.6
DIABETES MELLITUS	20.8	-	0.1	2.1	18.4	97.8	186.5
SEPTICEMIA	13.7	1.6	0.2	0.8	6.9	58.3	224.5
NEPHRITIS, NEPHROSIS, ETC.	13.0	1.3	0.2	0.6	5.8	60.3	186.5
SUICIDE	12.9	-	7.3	15.4	15.6	21.3	16.3
LIVER DISEASE & CIRRHOSIS	10.4	-	0.1	3.4	20.2	37.7	12.8
ATHEROSCLEROSIS	9.6	-	-	-	1.2	31.6	275.3
AORTIC ANEURYSM	8.2	-	0.1	0.4	4.4	44.1	73.5
PERINATAL CONDITIONS	5.0	77.0	0.0	-	-	0.1	-
HOMICIDE & LEGAL INTERV.	3.0	2.4	2.4	5.3	1.4	2.3	1.5
CONGENITAL ANOMALIES	4.5	48.2	1.3	1.0	1.4	2.8	4.4
PNEUMOCONIOSIS	4.6	-	-	-	1.6	28.3	30.6
HYPERTENSION	3.6	-	-	0.3	2.5	14.5	56.7
BENIGN/UNSPEC. NEOPLASMS	3.5	0.6	0.2	0.5	3.2	15.8	27.1
PARKINSONS DISEASE	3.5	-	-	-	0.5	19.4	45.4
HIV INFECTION	2.0	0.4	0.2	4.8	2.0	0.8	1.0
ULCERS OF STOMACH/DUODENUM	2.7	-	-	0.2	1.8	12.0	34.5
HERNIA/INTESTINAL OBSTR.	2.6	0.4	0.0	0.1	0.8	9.9	54.8
ANEMIAS	2.1	-	0.1	0.1	1.2	7.8	38.0
NUTRITIONAL DEFICIENCIES	1.4	0.1	-	-	0.2	5.1	37.0
GALL BLADDER DISORDERS	1.4	-	-	0.0	0.7	6.7	20.7
DISEASES OF PANCREAS	1.1	-	-	0.1	1.5	4.8	7.4
ALCOHOLISM	0.8	-	0.0	0.6	2.0	1.4	0.5
EPILEPSY	0.7	-	0.4	0.6	0.8	1.4	2.0
VENOUS EMBOLISM & THROMB.	0.8	-	0.1	0.1	0.8	3.1	7.4
MULTIPLE SCLEROSIS	0.7	-	0.0	0.4	1.6	1.7	2.0
TUBERCULOSIS	0.5	-	-	0.0	0.2	2.7	3.5
INFECTIONS OF KIDNEY	0.5	-	-	-	0.3	2.3	9.4
MENINGITIS	0.3	1.4	0.1	0.0	0.1	1.0	2.0
ALL OTHER CAUSES	89.9	33.4	4.7	12.6	64.7	356.5	1,194.5

* RATE PER 100,000 ESTIMATED 1987 WHITE POPULATION FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-11E
RESIDENT DEATH RATES* FOR SELECTED CAUSES OF DEATH
BY AGE GROUP - FOR RACES OTHER THAN WHITE, PENNSYLVANIA, 1987

CAUSE OF DEATH	ALL AGES	UNDER 5 YEARS	5-24 YEARS	25-44 YEARS	45-64 YEARS	65-84 YEARS	85 YEARS & OVER**
ALL CAUSES	983.9	572.1	77.0	329.4	1,498.6	5,265.3	9,812.5
HEART DISEASE	257.8	16.2	3.6	36.6	348.2	1,693.2	3,789.7
MALIGNANT NEOPLASMS	220.7	1.8	6.2	42.0	474.5	1,337.0	1,245.2
CEREBROVASCULAR DISEASE	56.7	-	1.2	11.8	82.3	354.2	798.5
ACCIDENTS, ALL FORMS	40.5	38.8	18.9	42.2	47.4	88.8	189.5
NON-MOTOR VEHICLE	28.6	35.2	7.9	27.2	34.4	78.8	175.9
MOTOR VEHICLE	11.9	3.6	11.0	15.1	12.9	10.0	13.5
CHRONIC OBSTR. PULM. DIS.	18.1	0.9	1.0	2.2	29.7	127.7	121.8
PNEUMONIA & INFLUENZA	23.6	7.2	-	7.5	26.8	125.7	480.5
DIABETES MELLITUS	22.6	-	-	4.3	42.6	140.7	209.8
SEPTICEMIA	26.0	5.4	-	4.8	30.6	160.6	466.9
NEPHRITIS, NEPHROSIS, ETC.	20.2	4.5	0.5	3.5	23.0	126.7	351.9
SUICIDE	8.5	-	7.0	12.6	7.2	13.0	-
LIVER DISEASE & CIRRHOSIS	13.2	-	0.2	14.5	36.4	29.9	6.8
ATHEROSCLEROSIS	3.5	-	-	-	1.4	23.9	108.3
AORTIC ANEURYSM	5.1	-	-	1.1	7.7	33.9	60.9
PERINATAL CONDITIONS	26.2	288.8	-	-	-	-	-
HOMICIDE & LEGAL INTERV.	26.1	10.8	23.0	42.0	18.2	15.0	13.5
CONGENITAL ANOMALIES	7.6	66.8	1.9	1.3	2.4	1.0	-
PNEUMOCONIOSIS	0.8	-	-	-	0.5	4.0	33.8
HYPERTENSION	4.7	-	-	1.6	6.2	32.9	40.6
BENIGN/UNSPEC. NEOPLASMS	2.6	-	0.2	0.5	5.3	16.0	13.5
PARKINSONS DISEASE	1.1	-	-	-	1.0	10.0	13.5
HIV INFECTION	11.9	-	3.4	29.3	11.0	-	-
ULCERS OF STOMACH/DUODENUM	1.6	-	-	0.5	1.4	11.0	20.3
HERNIA/INTESTINAL OBSTR.	2.1	-	0.2	0.5	2.9	11.0	40.6
ANEMIAS	2.3	-	1.0	2.2	1.4	9.0	27.1
NUTRITIONAL DEFICIENCIES	1.7	-	-	-	1.4	11.0	47.4
GALL BLADDER DISORDERS	0.8	-	-	0.3	-	9.0	-
DISEASES OF PANCREAS	2.0	-	-	1.3	4.3	9.0	6.8
ALCOHOLISM	3.6	-	0.2	4.8	10.0	4.0	-
EPILEPSY	2.0	-	0.5	1.9	4.3	6.0	6.8
VENOUS EMBOLISM & THROMB.	1.4	-	0.2	0.8	2.4	6.0	13.5
MULTIPLE SCLEROSIS	0.5	-	-	0.5	1.4	1.0	-
TUBERCULOSIS	1.8	-	0.2	0.5	4.3	7.0	20.3
INFECTIONS OF KIDNEY	0.4	-	-	-	1.0	2.0	6.8
MENINGITIS	1.1	2.7	-	0.5	2.9	2.0	6.8
ALL OTHER CAUSES	165.0	128.1	7.4	57.3	258.8	843.1	1,671.5

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR RACES OTHER THAN WHITE FOR EACH SPECIFIED AGE GROUP.
**UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.
NOTE: A DASH INDICATES NO DEATHS FOR THAT CAUSE OF DEATH AND AGE GROUP.

TABLE C-12
AGE-ADJUSTED DEATH RATES* FOR SELECTED CAUSES OF DEATH
PENNSYLVANIA, 1987 AND FIVE YEAR SUMMARY, 1983-1987
AND UNITED STATES, 1987

	PENNSYLVANIA		UNITED STATES
CAUSE OF DEATH	1987	1983-1987	1987
ALL CAUSES	555.2	554.9	536.2
HEART DISEASE	183.4	193.6	169.9
MALIGNANT NEOPLASMS	143.9	140.7	133.1
CEREBROVASCULAR DISEASE	28.3	29.9	30.1
ACCIDENTS, ALL FORMS	31.0	28.6	34.6
NON-MOTOR VEHICLE	14.3	13.4	14.9
MOTOR VEHICLE	16.7	15.3	19.7
CHRONIC OBSTR. PULM. DIS.	17.3	16.8	18.7
PNEUMONIA AND INFLUENZA	11.8	10.8	13.2
DIABETES MELLITUS	11.1	11.3	9.6
SEPTICEMIA	6.7	5.9	4.4
NEPHRITIS, NEPHROSIS, ETC.	6.2	5.7	5.0
SUICIDE	11.3	11.0	11.7
LIVER DISEASE AND CIRRHOSIS	7.9	8.1	9.0
ATHEROSCLEROSIS	2.7	3.3	3.7
AORTIC ANEURYSM	3.9	3.9	N/A
HOMICIDE AND LEGAL INTERV.	5.5	5.1	8.4
PNEUMOCONIOSIS	1.9	2.3	N/A

*AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES PER 100,000 POPULATION.

NOTE: U.S. MORTALITY DATA USED TO COMPUTE U.S. RATES ARE PROVISIONAL.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ALL CAUSES	001-999	124,986	1047.1
INFECTIOUS AND PARASITIC DISEASES	001-139	2,560	21.4
INTESTINAL INFECTIOUS DISEASES	001-009	15	0.1
TUBERCULOSIS	010-018	73	0.6
TUBERCULOSIS OF RESPIRATORY SYSTEM	010-012	66	0.6
OTHER TUBERCULOSIS	013-018	7	0.1
ZOONOTIC BACTERIAL DISEASES	020-027	10	0.1
OTHER BACTERIAL DISEASES	030-041	1,827	15.3
SEPTICEMIA	038	1,786	15.0
OTHER BACTERIAL DISEASES	030-037,039-041	41	0.3
HIV (HUMAN IMMUNODEFICIENCY VIRUS) INFECTION	042-044	365	3.1
POLIOMYELITIS AND OTHER NON-ARTHROPOD VIRAL DISEASES OF THE CENTRAL NERVOUS SYSTEM	045-049	29	0.2
VIRAL DISEASES ACCOMPANIED BY EXANTHEM	050-057	23	0.2
ARTHROPOD-BORNE VIRAL DISEASES	060-066	0	-
OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	070-079	59	0.5
RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	080-088	0	-
SYPHILIS AND OTHER VENEREAL DISEASES	090-099	2	0.0
OTHER SPIROCHAETAL DISEASES	100-104	0	-
MYCOSES	110-118	84	0.7
HELMINTHIASES	120-129	1	0.0
OTHER INFECTIOUS AND PARASITIC DISEASES	130-136	57	0.5
LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	137-139	15	0.1
NEOPLASMS	140-239	29,174	244.4
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY, AND PHARYNX	140-149	422	3.5
OF TONGUE	141	98	0.8
OF MAJOR SALIVARY GLANDS	142	31	0.3
OF FLOOR OF MOUTH	144	11	0.1
OF OTHER AND UNSPECIFIED PARTS OF MOUTH	140,143,145	87	0.7
OF OROPHARYNX	146	53	0.4
OF NASOPHARYNX	147	49	0.4
OF HYPOPHARYNX	148	35	0.3
OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY, AND PHARYNX	149	58	0.5
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	150-159	7,280	61.0
OF ESOPHAGUS	150	572	4.8
OF STOMACH	151	808	6.8
OF SMALL INTESTINE, INCLUDING DUODENUM	152	40	0.3
OF COLON	153	3,161	26.5
OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	154	497	4.2
OF LIVER AND INTRAHEPATIC BILE DUCTS	155	385	3.2
OF GALL BLADDER AND EXTRAHEPATIC BILE DUCTS	156	269	2.3
OF PANCREAS	157	1,314	11.0
OF RETROPERITONEUM AND PERITONEUM	158	28	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	159	206	1.7

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	160-165	7,771	65.1
OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	160	32	0.3
OF LARYNX	161	222	1.9
OF TRACHEA, BRONCHUS, AND LUNG	162	7,466	62.5
OF PLEURA	163	23	0.2
OF THYMUS, HEART, AND MEDIASTINUM	164	28	0.2
OF OTHER AND ILL-DEFINED SITES WITHIN THE RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	165	0	-
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, AND BREAST	170-175	3,191	26.7
OF BONE AND ARTICULAR CARTILAGE	170	41	0.3
OF CONNECTIVE AND OTHER SOFT TISSUE	171	141	1.2
MALIGNANT MELANOMA OF SKIN	172	335	2.8
OTHER MALIGNANT NEOPLASM OF SKIN	173	145	1.2
OF FEMALE BREAST	174	2,508	21.0
OF MALE BREAST	175	21	0.2
MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	179-189	4,299	36.0
OF UTERUS, PART UNSPECIFIED	179	201	1.7
OF CERVIX UTERI	180	232	1.9
OF BODY OF UTERUS	182	185	1.5
OF OVARY AND OTHER UTERINE ADNEXA	183	770	6.5
OF PLACENTA AND OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	181,184	75	0.6
OF PROSTATE	185	1,627	13.6
OF TESTIS	186	28	0.2
OF PENIS AND OTHER MALE GENITAL ORGANS	187	5	0.0
OF BLADDER	188	603	5.1
OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	189	573	4.8
MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	190-199	3,283	27.5
OF EYE	190	12	0.1
OF BRAIN	191	605	5.1
OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	192	14	0.1
OF THYROID GLAND	193	62	0.5
OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	194	32	0.3
OF OTHER AND UNSPECIFIED SITES	195-199	2,558	21.4
MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	200-208	2,521	21.1
LYMPHOSARCOMA AND RETICULOSARCOMA	200	180	1.5
HODGKIN'S DISEASE	201	105	0.9
OTHER MALIGNANT NEOPLASM OF LYMPHOID AND HISTIOCYTIC TISSUE	202	760	6.4
MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	203	433	3.6
LYMPHOID LEUKEMIA	204	299	2.5
MYELOID LEUKEMIA	205	451	3.8
MONOCYTIC AND OTHER SPECIFIED LEUKEMIA	206-207	18	0.2
LEUKEMIA OF UNSPECIFIED CELL TYPE	208	275	2.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
BENIGN NEOPLASMS	210-229	60	0.5
OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	225	52	0.4
OTHER BENIGN NEOPLASMS	210-224,226-229	8	0.1
CARCINOMA IN SITU	230-234	1	0.0
NEOPLASMS OF UNCERTAIN BEHAVIOR	235-238	81	0.7
NEOPLASMS OF UNSPECIFIED NATURE	239	265	2.2
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES, AND IMMUNITY DISORDERS	240-279	3,403	28.5
DISORDERS OF THYROID GLAND	240-246	66	0.6
ACQUIRED HYPOTHYROIDISM	244	55	0.5
OTHER DISORDERS OF THYROID GLAND	240-243,245-246	11	0.1
DISEASES OF OTHER ENDOCRINE GLANDS	250-259	2,555	21.4
DIABETES MELLITUS	250	2,504	21.0
OTHER ENDOCRINE DISORDERS	251-259	51	0.4
NUTRITIONAL DEFICIENCIES	260-269	173	1.4
PROTEIN-CALORIE MALNUTRITION	260-263	165	1.4
OTHER NUTRITIONAL DEFICIENCIES	264-269	8	0.1
OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	270-279	609	5.1
CERTAIN SPECIFIED DISORDERS OF METABOLISM	270-275	69	0.6
DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	276	379	3.2
OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	277	81	0.7
OBESITY AND OTHER HYPERALIMENTATION	278	62	0.5
DISORDERS INVOLVING THE IMMUNE MECHANISM	279	18	0.2
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	504	4.2
HEMOLYTIC ANEMIAS	282-283	32	0.3
APLASTIC ANEMIA	284	63	0.5
OTHER AND UNSPECIFIED ANEMIAS	285	134	1.1
COAGULATION DEFECTS	286	82	0.7
PURPURA AND OTHER HEMORRHAGIC CONDITIONS	287	52	0.4
DISEASES OF WHITE BLOOD CELLS	288	20	0.2
OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-281,289	121	1.0
MENTAL DISORDERS	290-319	795	6.7
ORGANIC PSYCHOTIC CONDITIONS	290-294	250	2.1
SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	290	236	2.0
OTHER ORGANIC PSYCHOTIC CONDITIONS	291-294	14	0.1
OTHER PSYCHOSES	295-299	88	0.7
NEUROTIC DISORDERS, PERSONALITY DISORDERS, AND OTHER NONPSYCHOTIC MENTAL DISORDERS	300-316	438	3.7
ALCOHOL DEPENDENCE SYNDROME	303	128	1.1
NONDEPENDENT ABUSE OF DRUGS	305	34	0.3
SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	310	244	2.0
OTHER NONPSYCHOTIC MENTAL DISORDERS	300-302,304,306-309,311-316	32	0.3
MENTAL RETARDATION	317-319	19	0.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	1,889	15.8
INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	320-326	80	0.7
BACTERIAL MENINGITIS	320	27	0.2
MENINGITIS DUE TO OTHER AND UNSPECIFIED CAUSE	321-322	23	0.2
OTHER INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	323-326	30	0.3
HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	330-337	1,196	10.0
CEREBRAL DEGENERATIONS	330-331	541	4.5
PARKINSON'S DISEASE	332	388	3.3
ANTERIOR HORN CELL DISEASE	335	213	1.8
OTHER HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	333-334,336-337	54	0.5
OTHER DISORDERS OF CENTRAL NERVOUS SYSTEM	340-349	509	4.3
MULTIPLE SCLEROSIS	340	84	0.7
INFANTILE CEREBRAL PALSY	343	40	0.3
OTHER PARALYTIC SYNDROMES	344	38	0.3
EPILEPSY	345	98	0.8
OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	341-342,346-349	249	2.1
DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350-359	99	0.8
MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	359	49	0.4
OTHER DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	350-358	50	0.4
DISORDERS OF THE EYE AND EAR	360-389	5	0.0
DISEASES OF THE CIRCULATORY SYSTEM	390-459	58,541	490.4
ACUTE RHEUMATIC FEVER	390-392	0	-
CHRONIC RHEUMATIC HEART DISEASE	393-398	409	3.4
DISEASES OF MITRAL VALVE	394	166	1.4
DISEASES OF AORTIC VALVE	395	4	0.0
DISEASES OF MITRAL AND AORTIC VALVES	396	60	0.5
DISEASES OF OTHER ENDOCARDIAL STRUCTURES	397	26	0.2
OTHER RHEUMATIC HEART DISEASE	393,398	153	1.3
HYPERTENSIVE DISEASE	401-405	1,510	12.7
ESSENTIAL HYPERTENSION	401	263	2.2
HYPERTENSIVE HEART DISEASE	402	940	7.9
HYPERTENSIVE RENAL DISEASE	403	181	1.5
HYPERTENSIVE HEART AND RENAL DISEASE	404	126	1.1
SECONDARY HYPERTENSION	405	0	-
ISCHEMIC HEART DISEASE	410-414	30,033	251.6
ACUTE MYOCARDIAL INFARCTION	410	15,985	133.9
OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	411	126	1.1
OLD MYOCARDIAL INFARCTION	412	71	0.6
ANGINA PECTORIS	413	82	0.7
OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	414	13,769	115.4

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF PULMONARY CIRCULATION	415-417	881	7.4
ACUTE PULMONARY HEART DISEASE	415	731	6.1
CHRONIC PULMONARY HEART DISEASE	416	149	1.2
OTHER DISEASES OF PULMONARY CIRCULATION	417	1	0.0
OTHER FORMS OF HEART DISEASES	420-429	14,992	125.6
ACUTE PERICARDITIS AND OTHER DISEASES OF PERICARDIUM	420,423	41	0.3
ACUTE AND SUBACUTE ENDOCARDITIS	421	71	0.6
OTHER DISEASES OF ENDOCARDIUM	424	739	6.2
CARDIOMYOPATHY	425	1,121	9.4
CONDUCTION DISORDERS	426	67	0.6
CARDIAC DYSRHYTHMIAS	427	5,110	42.8
HEART FAILURE	428	2,560	21.4
OTHER AND ILL-DEFINED HEART DISEASE	422,429	5,283	44.3
CEREBROVASCULAR DISEASE	430-438	8,019	67.2
SUBARACHNOID HEMORRHAGE	430	370	3.1
INTRACEREBRAL HEMORRHAGE	431	1,029	8.6
OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	432	140	1.2
OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	433	76	0.6
OCCLUSION OF CEREBRAL ARTERIES	434	1,351	11.3
TRANSIENT CEREBRAL ISCHEMIA	435	19	0.2
ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	436	4,323	36.2
OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	437	583	4.9
LATE EFFECTS OF CEREBROVASCULAR DISEASE	438	128	1.1
DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	440-448	2,440	20.4
ATHEROSCLEROSIS	440	1,071	9.0
AORTIC ANEURYSM	441	946	7.9
OTHER ANEURYSM	442	36	0.3
OTHER PERIPHERAL VASCULAR DISEASE	443	226	1.9
ARTERIAL EMBOLISM AND THROMBOSIS	444	75	0.6
POLYARTERITIS NODOSA AND ALLIED CONDITIONS	446	18	0.2
OTHER DISORDERS OF ARTERIES AND ARTERIOLES	447	67	0.6
DISEASES OF CAPILLARIES	448	1	0.0
DISEASES OF VEINS AND LYMPHATICS, AND OTHER DISEASES OF CIRCULATORY SYSTEM	451-459	257	2.2
PHLEBITIS AND THROMBOPHLEBITIS	451	76	0.6
OTHER VENOUS EMBOLISM AND THROMBOSIS	452-453	22	0.2
VARICOSE VEINS	454-456	40	0.3
HYPOTENSION	458	67	0.6
OTHER DISORDERS OF CIRCULATORY SYSTEM	457,459	52	0.4
DISEASES OF THE RESPIRATORY SYSTEM	460-519	9,774	81.9
ACUTE RESPIRATORY INFECTIONS	460-466	34	0.3
ACUTE BRONCHITIS AND BRONCHIOLITIS	466	21	0.2
OTHER ACUTE RESPIRATORY INFECTIONS	460-465	13	0.1
OTHER DISEASES OF UPPER RESPIRATORY TRACT	470-478	18	0.2
PNEUMONIA AND INFLUENZA	480-487	3,669	30.7
VIRAL PNEUMONIA	480	15	0.1
PNEUMOCOCCAL PNEUMONIA	481	81	0.7
OTHER BACTERIAL PNEUMONIA	482	135	1.1
BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	485	296	2.5
PNEUMONIA, OTHER AND UNSPECIFIED	483,484,486	3,110	26.1
INFLUENZA	487	32	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	490-496	4,220	35.4
BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	490	34	0.3
CHRONIC BRONCHITIS	491	108	0.9
EMPHYSEMA	492	593	5.0
ASTHMA	493	165	1.4
BRONCHIECTASIS	494	62	0.5
EXTRINSIC ALLERGIC ALVEOLITIS AND OTHER CHRONIC AIRWAY OBSTRUCTIONS	495-496	3,258	27.3
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	500-508	975	8.2
COALWORKER'S PNEUMOCONIOSIS	500	464	3.9
ASBESTOSIS AND PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	501-502	31	0.3
PNEUMOCONIOSIS, OTHER AND UNSPECIFIED	503-505	9	0.1
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	507	469	3.9
RESPIRATORY CONDITIONS DUE TO OTHER AND UNSPECIFIED EXTERNAL AGENTS	506,508	2	0.0
OTHER DISEASES OF RESPIRATORY SYSTEM	510-519	858	7.2
EMPYEMA	510	34	0.3
PLEURISY	511	64	0.5
PNEUMOTHORAX	512	23	0.2
ABSCESS OF LUNG AND MEDIASTINUM	513	30	0.3
PULMONARY CONGESTION AND HYPOSTASIS	514	68	0.6
POSTINFLAMMATORY PULMONARY FIBROSIS	515	226	1.9
OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY	516	31	0.3
OTHER DISEASES OF THE LUNG	517-518	334	2.8
OTHER DISEASES OF RESPIRATORY SYSTEM	519	48	0.4
DISEASES OF THE DIGESTIVE SYSTEM	520-579	4,104	34.4
DISEASES OF ORAL CAVITY, SALIVARY GLANDS, AND JAWS	520-529	3	0.0
DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM	530-537	436	3.7
DISEASES OF ESOPHAGUS	530	72	0.6
GASTRIC ULCER	531	114	1.0
DUODENAL ULCER	532	94	0.8
PEPTIC ULCER, SITE UNSPECIFIED	533	95	0.8
OTHER DISORDERS OF STOMACH AND DUODENUM	534-537	61	0.5
APPENDICITIS	540-543	29	0.2
HERNIA OF ABDOMINAL CAVITY	550-553	62	0.5
NONINFECTIVE ENTERITIS AND COLITIS	555-558	438	3.7
IDIOPATHIC PROCTOCOLITIS	556	18	0.2
VASCULAR INSUFFICIENCY OF INTESTINE	557	364	3.0
OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	555,558	56	0.5
OTHER DISEASES OF INTESTINES AND PERITONEUM	560-569	613	5.1
INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	560	238	2.0
DIVERTICULA OF INTESTINE	562	156	1.3
PERITONITIS	567	80	0.7
OTHER DISORDERS OF PERITONEUM	568	2	0.0
OTHER DISORDERS OF INTESTINE	564-566,569	137	1.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
OTHER DISEASES OF DIGESTIVE SYSTEM	570-579	2,523	21.1
ACUTE AND SUBACUTE NECROSIS OF LIVER	570	22	0.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	571	1,276	10.7
LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	572	302	2.5
OTHER DISORDERS OF LIVER	573	87	0.7
CHOLELITHIASIS	574	58	0.5
OTHER DISORDERS OF GALL BLADDER	575	105	0.9
OTHER DISORDERS OF BILIARY TRACT	576	62	0.5
DISEASES OF PANCREAS	577	142	1.2
GASTROINTESTINAL HEMORRHAGE	578	459	3.8
INTESTINAL MALABSORPTION	579	10	0.1
DISEASES OF THE GENITOURINARY SYSTEM	580-629	2,665	22.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	580-589	1,636	13.7
CHRONIC GLOMERULONEPHRITIS	582	47	0.4
NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	583	11	0.1
ACUTE RENAL FAILURE	584	314	2.6
CHRONIC RENAL FAILURE	585	331	2.8
RENAL FAILURE, UNSPECIFIED	586	911	7.6
OTHER RENAL DISORDERS	580-581,587-589	22	0.2
OTHER DISEASES OF URINARY SYSTEM	590-599	973	8.2
INFECTIONS OF KIDNEY	590	62	0.5
CALCULUS OF KIDNEY AND URETER	592	10	0.1
OTHER DISORDERS OF KIDNEY AND URETER	591,593	203	1.7
OTHER DISORDERS OF URETHRA AND URINARY TRACT	594-599	698	5.8
DISEASES OF MALE GENITAL ORGANS	600-608	39	0.3
HYPERPLASIA OF PROSTATE	600	29	0.2
OTHER DISORDERS OF MALE GENITAL ORGANS	601-608	10	0.1
DISORDERS OF THE BREAST	610-611	6	0.1
INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	614-616	7	0.1
OTHER DISORDERS OF FEMALE GENITAL TRACT	617-629	4	0.0
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630-676	8	0.5
PREGNANCY WITH ABORTIVE OUTCOME	630-639	2	0.1
INDUCED ABORTION	635-636	0	-
OTHER ABORTION, ECTOPIC, AND MOLAR PREGNANCIES	630-634,637-639	2	0.1
COMPLICATIONS MAINLY RELATED TO PREGNANCY	640-648	5	0.3
OTHER INDICATIONS FOR CARE IN PREGNANCY, LABOR, AND DELIVERY	650-659	0	-
COMPLICATIONS OCCURRING MAINLY IN THE COURSE OF LABOR AND DELIVERY	660-669	0	-
COMPLICATIONS OF THE PUERPERIUM	670-676	1	0.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.
MATERNAL DEATH RATE (ICD CODES 630-676) PER 10,000 LIVE BIRTHS.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	261	2.2
INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	680-686	45	0.4
CELLULITIS AND ABSCESS	680-682	34	0.3
OTHER INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	683-686	11	0.1
OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	690-698	15	0.1
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700-709	201	1.7
CHRONIC ULCER OF SKIN	707	201	1.7
OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	700-706,708-709	0	-
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	321	2.7
ARTHROPATHIES AND RELATED DISORDERS	710-719	220	1.8
DIFFUSE DISEASES OF CONNECTIVE TISSUE	710	131	1.1
RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	714	56	0.5
OTHER ARTHROPATHIES AND RELATED DISORDERS	711-713,715-719	33	0.3
DORSOPATHIES	720-724	7	0.1
RHEUMATISM, EXCLUDING BACK	725-729	25	0.2
OSTEOPATHIES, CHONDROPATHIES, AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	730-739	69	0.6
CONGENITAL ANOMALIES	740-759	577	4.8
ANENCEPHALUS AND SIMILAR ANOMALIES	740	40	0.3
SPINA BIFIDA	741	11	0.1
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	742	50	0.4
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	745	78	0.7
OTHER CONGENITAL ANOMALIES OF HEART	746	117	1.0
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	54	0.5
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	748	57	0.5
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	752-753	33	0.3
CONGENITAL MUSCULOSKELETAL ANOMALIES	754-756	23	0.2
CHROMOSOMAL ANOMALIES	758	56	0.5
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	743-744,749-751,757,759	58	0.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SEE TABLE C-14 FOR DETAILS.)	760-779	857	7.2
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	2,775	23.2
SYMPTOMS	780-789	158	1.3
SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	785	112	0.9
OTHER SYMPTOMS	780-784,786-789	46	0.4

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
NONSPECIFIED ABNORMAL FINDINGS	790-796	1	0.0
ILL-DEFINED AND UNKNOWN CAUSES OF MORTALITY	797-799	2,616	21.9
SENILITY WITHOUT MENTION OF PSYCHOSIS	797	32	0.3
SUDDEN DEATH, CAUSE UNKNOWN	798	223	1.9
OTHER ILL-DEFINED AND UNKNOWN CAUSE OF MORTALITY	799	2,361	19.8
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	6,778	56.8
RAILWAY ACCIDENTS	800-807	27	0.2
MOTOR VEHICLE TRAFFIC ACCIDENTS	810-819	2,012	16.9
INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	811-812	755	6.3
INVOLVING COLLISION WITH ANOTHER VEHICLE	810,813	50	0.4
INVOLVING COLLISION WITH PEDESTRIAN	814	283	2.4
OTHER INVOLVING COLLISION ON THE HIGHWAY	815	336	2.8
DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	816	147	1.2
OTHER NONCOLLISION	817-818	58	0.5
UNSPECIFIED NATURE	819	383	3.2
MOTOR VEHICLE NONTRAFFIC ACCIDENTS	820-825	35	0.3
OTHER ROAD VEHICLE ACCIDENTS	826-829	8	0.1
WATER TRANSPORT ACCIDENTS	830-838	24	0.2
AIR AND SPACE TRANSPORT ACCIDENTS	840-845	33	0.3
ACCIDENT DUE TO POWERED AIRCRAFT	840-841	31	0.3
OTHER AIR AND SPACE TRANSPORT ACCIDENTS	842-845	2	0.0
VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	846-848	3	0.0
ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, AND ANTIRHEUMATICS	850	48	0.4
ACCIDENTAL POISONING BY OTHER DRUGS, MEDICAMENTS, AND BIOLOGICALS	851-858	233	2.0
ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	860-869	65	0.5
ACCIDENTAL POISONING BY UTILITY GAS AND OTHER CARBON MONOXIDE	868	42	0.4
ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	860-867,869	23	0.2
MISADVENTURE TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870-876	28	0.2
ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	870	23	0.2
OTHER AND UNSPECIFIED MISADVENTURE DURING MEDICAL CARE	871-876	5	0.0
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	878-879	211	1.8
SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES	878	183	1.5
OTHER PROCEDURES	879	28	0.2
ACCIDENTAL FALLS	880-888	631	5.3
FALL ON OR FROM STAIRS OR STEPS	880	137	1.1
FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	882	37	0.3
OTHER FALL FROM ONE LEVEL TO ANOTHER	881,883-884	79	0.7
FRACTURE, CAUSE UNSPECIFIED	887	202	1.7
OTHER AND UNSPECIFIED FALL	885-886,888	176	1.5

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-13
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ACCIDENTS CAUSED BY FIRE AND FLAMES	890-899	229	1.9
CONFLAGRATION IN PRIVATE DWELLING	890	203	1.7
OTHER ACCIDENT CAUSED BY FIRE AND FLAMES	891-899	26	0.2
ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900-909	69	0.6
EXCESSIVE COLD	901	34	0.3
OTHER ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900,902-909	35	0.3
ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	910-915	386	3.2
ACCIDENTAL DROWNING AND SUBMERSION	910	116	1.0
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	911	94	0.8
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	912	147	1.2
ACCIDENTAL MECHANICAL SUFFOCATION	913	29	0.2
FOREIGN BODY ACCIDENTALLY ENTERING ORIFACE	914-915	0	-
OTHER ACCIDENTS	916-928	384	3.2
STRUCK ACCIDENTALLY BY FALLING OBJECT	916	49	0.4
ACCIDENTS CAUSED BY MACHINERY	919	61	0.5
ACCIDENTS CAUSED BY FIREARM MISSLE	922	36	0.3
ACCIDENTS CAUSED BY ELECTRIC CURRENT	925	29	0.2
OTHER AND UNSPECIFIED CAUSES	917-918,920-921 923-924,926-928	209	1.8
LATE EFFECTS OF ACCIDENTAL INJURY	929	29	0.2
DRUGS,MEDICAMENTS,AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930-949	9	0.1
SUICIDE	950-959	1,489	12.5
BY SOLID OR LIQUID SUBSTANCES	950	161	1.3
BY GASES AND VAPORS	951-952	165	1.4
BY HANGING, STRANGULATION, AND SUFFOCATION	953	236	2.0
BY SUBMERSION (DROWNING)	954	24	0.2
BY FIREARMS AND EXPLOSIVES	955	784	6.6
BY JUMPING FROM HIGH PLACE	957	53	0.4
BY OTHER AND UNSPECIFIED MEANS AND LATE EFFECTS	956,958-959	66	0.6
HOMICIDE	960-969	639	5.4
ASSAULT BY HANGING AND STRANGULATION	963	33	0.3
ASSAULT BY FIREARMS AND EXPLOSIVES	965	334	2.8
ASSAULT BY CUTTING AND PIERCING INSTRUMENT	966	162	1.4
OTHER INJURIES AND LATE EFFECTS	960-962,964,967-969	110	0.9
LEGAL INTERVENTION	970-978	5	0.0
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	980-989	181	1.5
POISONING BY SOLID OR LIQUID SUBSTANCES	980	84	0.7
POISONING BY GASES	981-982	25	0.2
SUBMERSION (DROWNING)	984	13	0.1
INJURY BY FIREARMS AND EXPLOSIVES	985	12	0.1
OTHER INJURIES AND LATE EFFECTS	983,986-989	47	0.4
INJURY RESULTING FROM OPERATIONS OF WAR	990-999	0	-

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 100,000 ESTIMATED 1987 POPULATION.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1987

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
ALL CAUSES	001-999	1,654	10.2	748	232	184	490
INFECTIOUS AND PARASITIC DISEASES	001-139	25	0.2	0	2	2	21
SEPTICEMIA	038	11	0.1	0	0	0	11
HIV (HUMAN IMMUNODEFICIENCY VIRUS) INFECTION	042-044	2	0.0	0	0	0	2
NEOPLASMS	140-239	7	0.0	0	1	0	6
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES, AND IMMUNITY DISORDERS	240-279	11	0.1	1	0	1	9
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	1	0.0	0	0	0	1
MENTAL DISORDERS	290-319	1	0.0	0	0	0	1
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	20	0.1	0	1	1	18
MENINGITIS	320-322	7	0.0	0	0	1	6
DISEASES OF THE CIRCULATORY SYSTEM	390-459	45	0.3	5	3	8	29
CARDIAC DYSRHYTHMIAS	427	21	0.1	3	0	4	14
DISEASES OF THE RESPIRATORY SYSTEM	460-519	43	0.3	2	2	6	33
PNEUMONIA	480-486	21	0.1	1	0	4	16
DISEASES OF THE DIGESTIVE SYSTEM	520-579	12	0.1	1	0	2	9
NONINFECTIVE ENTERITIS AND COLITIS	555-558	3	0.0	0	0	1	2
DISEASES OF THE GENITOURINARY SYSTEM	580-629	13	0.1	0	5	4	4
DISEASES OF THE CUTANEOUS AND MUSCULOSKELETAL SYSTEMS	680-739	0	-	0	0	0	0
CONGENITAL ANOMALIES	740-759	361	2.2	148	84	52	77
ANENCEPHALUS AND SIMILAR ANOMALIES	740	38	0.2	33	5	0	0
SPINA BIFIDA	741	6	0.0	1	1	2	2
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM AND SENSE ORGANS	742-744	19	0.1	2	4	4	9
MICROCEPHALUS	742.1	1	0.0	1	0	0	0
CONGENITAL HYDROCEPHALUS	742.3	4	0.0	0	1	1	2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
** RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	745	30	0.2	2	7	7	14
TRANSPOSITION OF GREAT VESSELS	745.1	10	0.1	2	3	3	2
TETRALOGY OF FALLOT	745.2	6	0.0	0	0	1	5
OTHER CONGENITAL ANOMALIES OF HEART	746	69	0.4	6	29	16	18
HYPOPLASTIC LEFT HEART SYNDROME	746.7	28	0.2	1	14	7	6
OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	747	22	0.1	3	10	6	3
COARCTATION OF AORTA	747.1	0	-	0	0	0	0
ANOMALIES OF PULMONARY ARTERY	747.3	1	0.0	0	0	0	1
ANOMALIES OF GREAT VEINS	747.4	1	0.0	0	0	0	1
CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	748	54	0.3	41	9	1	3
ANOMALIES OF LARYNX, TRACHEA, AND BRONCHUS	748.2-748.3	2	0.0	0	1	0	1
AGENESIS, HYPOPLASIA, AND DYSPLASIA OF LUNG	748.5	46	0.3	37	7	1	1
CONGENITAL ANOMALIES OF UPPER ALIMENTARY SYSTEM	749-750	2	0.0	2	0	0	0
CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	751	5	0.0	0	1	1	3
CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	752-753	18	0.1	17	1	0	0
RENAL AGENESIS AND DYSGENESIS	753.0	14	0.1	13	1	0	0
CONGENITAL MUSCULOSKELETAL ANOMALIES	754-756	22	0.1	17	4	1	0
ANOMALIES OF DIAPHRAGM	756.6	13	0.1	9	3	1	0
CONGENITAL ANOMALIES OF THE INTEGUMENT	757	1	0.0	0	0	1	0
CHROMOSOMAL ANOMALIES	758	45	0.3	7	8	11	19
DOWN SYNDROME	758.0	5	0.0	1	0	0	4
PATAU'S SYNDROME	758.1	15	0.1	3	1	6	5
EDWARD'S SYNDROME	758.2	17	0.1	1	5	3	8
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	759	30	0.2	17	5	2	6
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	759.7	19	0.1	11	3	2	3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	846	5.2	588	132	84	42
NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	8	0.0	4	3	1	0
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	55	0.3	53	2	0	0
INCOMPETENT CERVIX	761.0	6	0.0	6	0	0	0
PREMATURE RUPTURE OF MEMBRANES	761.1	20	0.1	18	2	0	0
MULTIPLE PREGNANCY	761.5	26	0.2	26	0	0	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	762	43	0.3	38	4	1	0
PLACENTA PREVIA	762.0	4	0.0	4	0	0	0
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	19	0.1	17	1	1	0
PROLAPSED CORD AND OTHER COMPRESSION OF UMBILICAL CORD	762.4-762.5	2	0.0	2	0	0	0
CHORIOAMNIONITIS	762.7	16	0.1	14	2	0	0
NEWBORN AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	2	0.0	2	0	0	0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	0	-	0	0	0	0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	186	1.1	178	6	0	2
EXTREME IMMATURITY	765.0	126	0.8	122	4	0	0
OTHER PRETERM INFANT	765.1	60	0.4	56	2	0	2
DISORDERS RELATING TO LONG GESTATION AND HIGH BIRTH WEIGHT	766	0	-	0	0	0	0
BIRTH TRAUMA	767	14	0.1	5	7	2	0
SUBDURAL AND CEREBRAL HEMORRHAGE	767.0	13	0.1	4	7	2	0
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	39	0.2	25	10	2	2
FETAL DISTRESS	768.2-768.4	7	0.0	4	2	0	1
BIRTH ASPHYXIA	768.5-768.9	32	0.2	21	8	2	1
RESPIRATORY DISTRESS SYNDROME	769	116	0.7	56	32	22	6
OTHER RESPIRATORY CONDITIONS OF NEWBORN	770	160	1.0	88	32	15	25
CONGENITAL PNEUMONIA	770.0	2	0.0	1	0	1	0
MASSIVE ASPIRATION SYNDROME	770.1	6	0.0	3	2	0	1
INTERSTITIAL EMPHYSEMA AND RELATED CONDITIONS	770.2	16	0.1	4	7	5	0
PRIMARY ATELECTASIS	770.4	17	0.1	14	1	1	1
CHRONIC RESPIRATORY DISEASE ARISING IN THE PERINATAL PERIOD	770.7	30	0.2	5	0	3	22
OTHER AND UNSPECIFIED RESPIRATORY PROBLEMS DURING PERINATAL PERIOD	770.3,770.5 770.8,770.9	89	0.5	61	22	5	1
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	771	45	0.3	18	9	17	1
NEONATAL HEMORRHAGE	772	8	0.0	1	5	2	0
INTRAVENTRICULAR HEMORRHAGE	772.1	4	0.0	0	3	1	0
HEMOLYTIC DISEASE OF NEWBORN DUE TO ISOIMMUNIZATION AND OTHER PERINATAL JAUNDICE	773-774	4	0.0	3	1	0	0
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE NEWBORN	775	2	0.0	1	0	0	1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-14
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH
NUMBER AND RATE: PENNSYLVANIA, 1987 (CONTINUED)

CAUSE OF DEATH	ICD CODE*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
HEMATOLOGICAL DISORDERS OF NEWBORN	776	2	0.0	0	0	1	1
PERINATAL DISORDERS OF DIGESTIVE SYSTEM	777	22	0.1	1	6	13	2
NECROTIZING ENTEROCOLITIS IN NEWBORN	777.5	21	0.1	0	6	13	2
CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION OF NEWBORN	778	9	0.1	6	1	2	0
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	779	131	0.8	109	14	6	2
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	780-799	227	1.4	1	1	23	202
SUDDEN INFANT DEATH SYNDROME	798.0	215	1.3	0	1	22	192
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	42	0.3	2	1	1	38
MOTOR VEHICLE ACCIDENTS	810-825	4	0.0	1	0	0	3
OTHER TRANSPORT ACCIDENTS	800-807 826-848	0	-	0	0	0	0
ACCIDENTAL POISONING	850-869	2	0.0	0	0	0	2
MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	870-876	0	-	0	0	0	0
SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION	878-879	1	0.0	0	0	0	1
ACCIDENTAL FALLS	880-888	0	-	0	0	0	0
ACCIDENTS CAUSED BY FIRE AND FLAMES	890-899	9	0.1	0	0	1	8
ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	900-909	0	0.0	0	0	0	0
ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	910-915	11	0.1	0	1	0	10
ACCIDENTAL DROWNING AND SUBMERSION	910	1	0.0	0	0	0	1
INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	911	2	0.0	0	0	0	2
INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	912	4	0.0	0	1	0	3
ACCIDENTAL MECHANICAL SUFFOCATION	913	4	0.0	0	0	0	4
OTHER ACCIDENTS AND LATE EFFECTS OF ACCIDENTAL INJURY	916-929	3	0.0	0	0	0	3
DRUGS, MEDICAMENTS, AND BIOLOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE	930-949	0	-	0	0	0	0
HOMICIDE	960-969	11	0.1	1	0	0	10
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	980-989	1	0.0	0	0	0	1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
** RATE PER 1,000 LIVE BIRTHS.

TABLE C-15
RESIDENT FETAL DEATHS BY CAUSE,
NUMBER AND RATE: PENNSYLVANIA, 1987

CAUSE OF DEATH	ICD CODE*	NUMBER OF DEATHS	RATE**
ALL CAUSES	001-999	3,212	19.4
CONGENITAL ANOMALIES	740-759	129	0.8
ANENCEPHALUS AND SIMILAR ANOMALIES	740	27	0.2
SPINA BIFIDA	741	4	0.0
OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM AND SENSE ORGANS	742-744	9	0.1
CONGENITAL HYDROCEPHALUS	742.3	6	0.0
CHROMOSOMAL ANOMALIES	758	23	0.1
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	745-757,759	66	0.4
MULTIPLE CONGENITAL ANOMALIES, SO DESCRIBED	759.7	52	0.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	3,081	18.6
FETUS AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	760	71	0.4
MATERNAL HYPERTENSIVE DISORDERS	760.0	39	0.2
MATERNAL INFECTIONS	760.2	5	0.0
MATERNAL INJURY	760.5	7	0.0
FETUS AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	761	240	1.5
INCOMPETENT CERVIX	761.0	50	0.3
PREMATURE RUPTURE OF MEMBRANES	761.1	148	0.9
POLYHYDRAMNIOS	761.3	11	0.1
MULTIPLE PREGNANCY	761.5	11	0.1
FETUS AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	762	617	3.8
PLACENTA PRAEVIA	762.0	22	0.1
OTHER FORMS OF PLACENTAL SEPARATION AND HEMORRHAGE	762.1	191	1.2
OTHER AND UNSPECIFIED MORPHOLOGICAL AND FUNCTIONAL ABNORMALITIES OF PLACENTA	762.2	66	0.4
PLACENTAL TRANSFUSION SYNDROMES	762.3	8	0.0
PROLAPSED CORD	762.4	20	0.1
OTHER COMPRESSION OF UMBILICAL CORD	762.5	145	0.9
OTHER AND UNSPECIFIED CONDITIONS OF UMBILICAL CORD	762.6	59	0.4
CHORIOAMNIONITIS	762.7	106	0.7
FETUS AFFECTED BY OTHER COMPLICATIONS OF LABOR AND DELIVERY	763	2	0.0
SLOW FETAL GROWTH AND FETAL MALNUTRITION	764	1	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	765	181	1.1
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	768	53	0.3
RESPIRATORY DISTRESS SYNDROME	769	3	0.0
OTHER RESPIRATORY CONDITIONS OF FETUS	770	4	0.0
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	771	12	0.1
FETAL HEMORRHAGE	772	1	0.0
HEMOLYTIC DISEASE OF FETUS DUE TO ISOIMMUNIZATION	773	9	0.1
ENDOCRINE AND METABOLIC DISTURBANCES SPECIFIC TO THE FETUS	775	13	0.1
MATERNAL DIABETES MELLITUS AFFECTING FETUS	775.0	13	0.1
HEMATOLOGICAL DISORDERS OF FETUS	776	0	-
OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	766-767,774,777-779	1,874	11.4
TERMINATION OF PREGNANCY	779.6	1,318	8.1
OTHER AND UNKNOWN CAUSES	001-739,780-999	2	0.0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

TABLE C-16A
HEART DISEASE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	47,381	396.9	762,820**	313.4	1967	53,121	456.1	721,268	364.5
1986	47,991	403.7	765,490	317.5	1966	53,874	462.7	727,002	371.2
1985	48,692	410.4	771,169	323.0	1965	52,685	456.7	712,087	367.4
1984	48,645	408.8	765,114	323.5	1964	52,078	454.5	699,861	365.7
1983	49,780	418.5	770,432	329.2	1963	53,495	468.3	707,830	375.2
1982	48,470	407.8	755,592	326.0	1962	52,751	463.7	688,009	370.1
1981	48,786	411.2	753,884	328.7	1961	51,735	451.1	663,391	362.4
1980	50,677	427.2	761,085	336.0	1960	51,431	454.4	661,712	369.0
1979	48,407	412.7	733,235	326.5	1959	50,196	443.3	641,044	363.2
1978	48,573	413.3	729,510	334.3	1958	49,673	447.5	637,246	367.7
1977	48,444	411.1	718,850	332.3	1957	49,393	442.4	628,504	369.6
1976	49,730	419.2	723,878	337.2	1956	47,796	429.4	602,995	361.1
1975	49,323	417.0	716,215	336.2	1955	46,690	421.8	584,620	356.5
1974	50,625	427.7	738,171	349.2	1954	44,382	407.3	560,077	348.3
1973	52,730	443.0	757,075	360.8	1953	45,784	422.8	570,275	361.2
1972	53,098	445.2	755,864	363.0	1952	44,246	412.2	555,141	357.4
1971	53,222	448.0	743,368	360.5	1951	44,443	419.4	545,675	356.8
1970	52,476	444.7	735,542	362.0	1950	43,793	416.4	535,705	356.8
1969	52,816	447.5	739,265	367.1					
1968	54,398	462.7	744,658	373.5					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-9
HEART DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

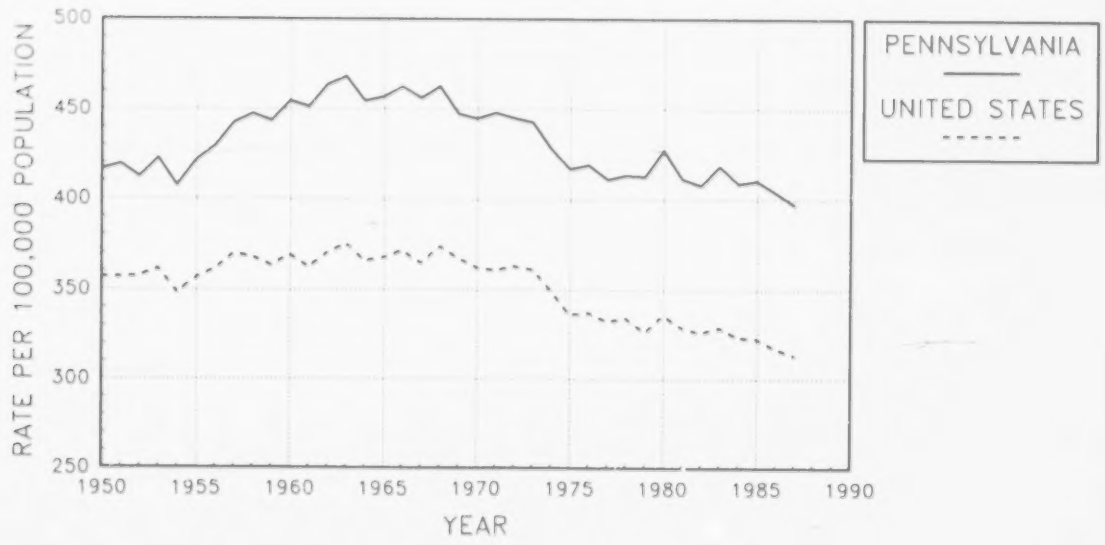


TABLE C-16B
RESIDENT HEART DISEASE DEATHS BY TYPE AND SEX
NUMBER AND PERCENT: PENNSYLVANIA, 1987

TYPE OF HEART DISEASE*	TOTAL	MALE NUMBER	MALE PERCENT	FEMALE NUMBER	FEMALE PERCENT
TOTAL HEART DISEASE	47,381	23,207	100.0	24,174	100.0
RHEUMATIC HEART DISEASE	409	107	0.5	302	1.2
HEART DISEASE WITH HYPERTENSION	1,066	429	1.8	637	2.6
ACUTE MYOCARDIAL INFARCTION	15,985	8,660	37.3	7,325	30.3
ISCHEMIC EXCL. MYOCARDIAL INFARCT.	14,048	6,691	28.8	7,357	30.4
DISEASES OF PULMONARY CIRCULATION	881	420	1.8	461	1.9
OTHER HEART DISEASE	14,992	6,900	29.7	8,092	33.5

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
RHEUMATIC HEART DISEASE=390-398
HEART DISEASE WITH HYPERTENSION=402,404
ACUTE MYOCARDIAL INFARCTION=410
ISCHEMIC EXCL. MYOCARDIAL INFARCTION=411-414
DISEASES OF PULMONARY CIRCULATION=415-417
OTHER HEART DISEASE=420-429

FIGURE C-10
RESIDENT HEART DISEASE DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1987

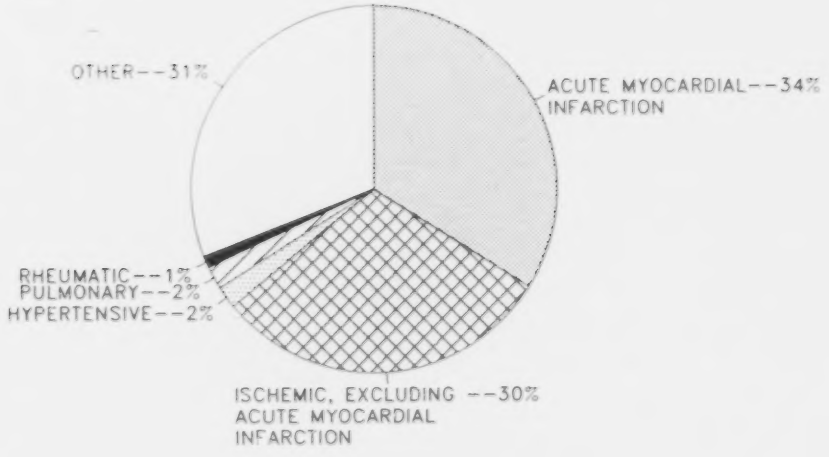


TABLE C-17A
MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	28,767	241.0	477,190**	196.1	1967	21,450	184.2	310,983	157.2
1986	28,037	235.8	469,376	194.7	1966	21,182	182.0	303,736	155.1
1985	27,901	235.2	461,563	193.3	1965	20,767	180.0	297,588	153.5
1984	27,468	230.8	453,492	191.8	1964	20,611	179.9	289,577	151.3
1983	26,917	226.3	442,986	189.3	1963	20,316	177.8	285,362	151.3
1982	26,483	222.8	433,795	187.2	1962	20,003	175.8	278,562	149.9
1981	26,059	219.6	422,094	184.0	1961	19,933	173.8	273,502	149.4
1980	26,040	219.5	416,509	183.9	1960	19,612	173.3	267,627	149.2
1979	25,374	216.3	403,395	179.6	1959	19,218	169.7	260,047	147.3
1978	25,376	215.9	396,992	181.9	1958	18,856	169.9	254,426	146.8
1977	24,244	205.7	386,686	178.7	1957	19,066	170.8	253,183	148.7
1976	24,175	203.8	377,312	175.8	1956	18,726	168.2	247,357	147.9
1975	23,547	199.1	365,693	171.6	1955	18,259	164.0	240,681	146.5
1974	23,239	196.4	360,472	170.5	1954	17,974	165.0	234,669	145.6
1973	22,709	190.8	351,055	167.3	1953	17,531	161.9	229,079	144.7
1972	22,733	190.6	345,618	166.0	1952	17,335	161.5	223,277	143.3
1971	22,364	188.3	337,398	163.6	1951	16,678	157.4	215,525	140.5
1970	22,013	186.5	330,730	162.3	1950	16,326	155.2	210,733	139.8
1969	22,124	187.4	323,092	160.4					
1968	22,065	187.7	318,547	159.8					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-11
MALIGNANT NEOPLASM DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

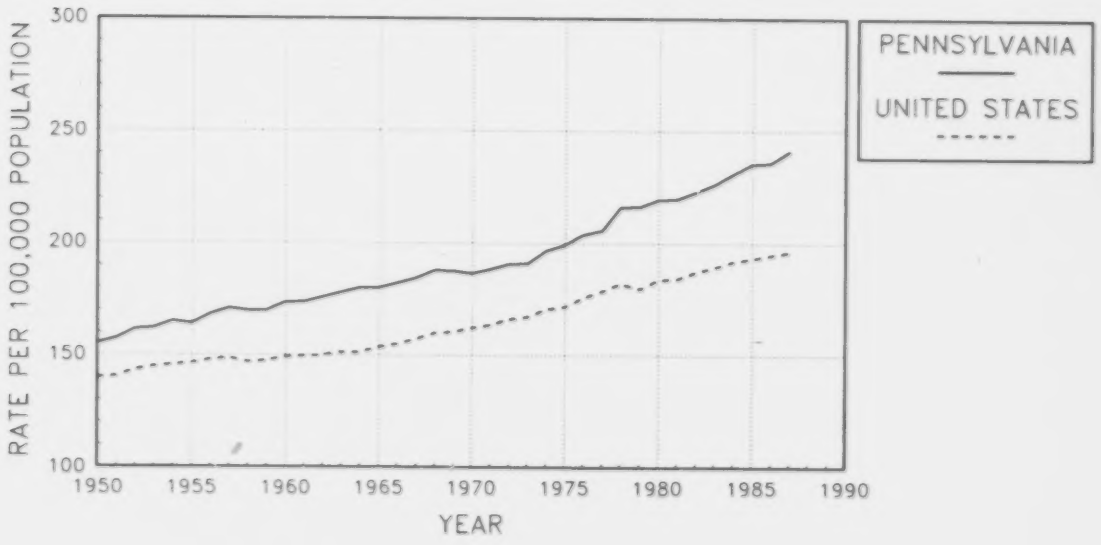


TABLE C-17B
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - MALES
PENNSYLVANIA, 1987

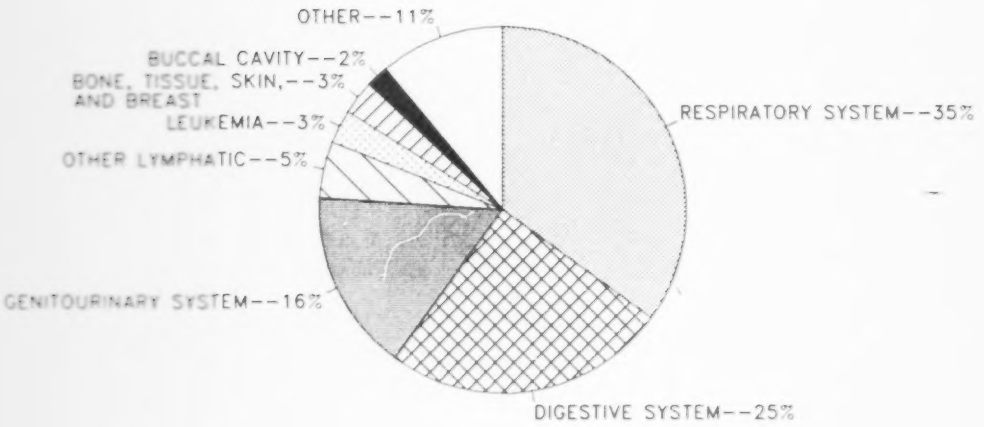
MALIGNANT NEOPLASM SITE*	ALL AGES	AGE AT DEATH (IN YEARS) UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
TOTAL MALIGNANT NEOPLASMS	15,063	9	33	61	124	311	1,038	3,262	5,249	4,976
BUCCAL CAVITY & PHARYNX	293	0	0	0	1	7	36	91	105	53
DIGESTIVE SYSTEM	3,794	0	1	4	18	60	232	845	1,327	1,307
RESPIRATORY SYSTEM	5,283	0	0	1	10	75	434	1,327	2,005	1,431
BONE, TISSUE, SKIN & BREAST	422	2	5	12	17	36	48	97	108	97
GENITOURINARY SYSTEM	2,377	0	2	5	15	13	57	272	754	1,259
OTHER & UNSPECIFIED SITES	1,623	7	12	13	17	69	145	373	551	436
LEUKEMIA	543	0	12	15	24	18	34	95	167	178
LYMPHATIC & HEMATOPOIETIC	728	0	1	11	22	33	52	162	232	215

TABLE C-17C
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE - FEMALES
PENNSYLVANIA, 1987

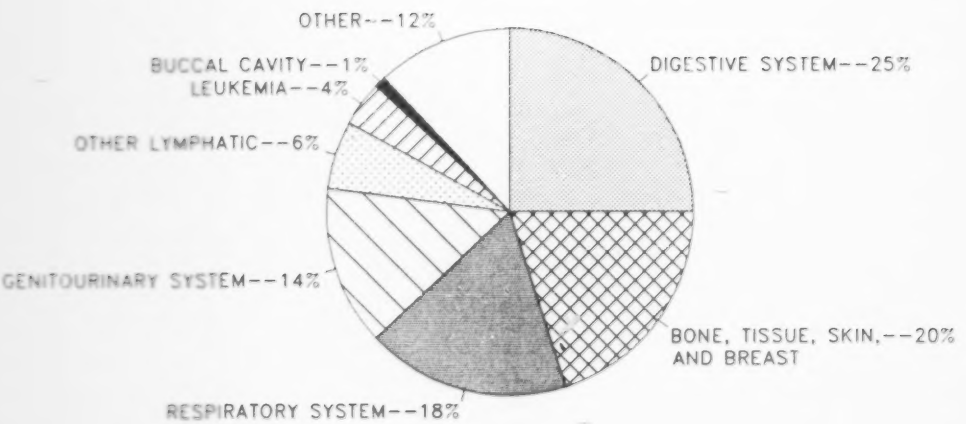
MALIGNANT NEOPLASM SITE*	ALL AGES	AGE AT DEATH (IN YEARS) UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
TOTAL MALIGNANT NEOPLASMS	13,704	14	18	42	141	388	1,048	2,659	4,172	5,222
BUCCAL CAVITY & PHARYNX	129	0	0	0	1	4	14	31	41	38
DIGESTIVE SYSTEM	3,486	0	0	3	13	34	172	506	1,028	1,730
RESPIRATORY SYSTEM	2,488	0	0	0	3	41	200	624	945	675
BONE, TISSUE, SKIN & BREAST	2,769	1	0	10	56	159	328	661	698	856
GENITOURINARY SYSTEM	1,922	0	2	6	17	74	160	359	594	710
OTHER & UNSPECIFIED SITES	1,660	7	6	5	21	47	109	304	497	664
LEUKEMIA	500	5	9	8	15	16	30	59	146	212
LYMPHATIC & HEMATOPOIETIC	750	1	1	10	15	13	35	115	223	337

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLES:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

FIGURE C-12
RESIDENT MALIGNANT NEOPLASM DEATHS BY SEX
PERCENT BY TYPE, PENNSYLVANIA, 1987



MALE



FEMALE

TABLE C-17D
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND RACE
NUMBER AND RATE*: PENNSYLVANIA, 1987

MALIGNANT NEOPLASM SITE**	TOTAL	WHITE NUMBER	WHITE RATE	ALL OTHER RACES NUMBER	ALL OTHER RACES RATE
TOTAL MALIGNANT NEOPLASMS	28,767	26,067	243.3	2,700	220.7
BUCCAL CAVITY & PHARYNX	422	363	3.4	59	4.8
DIGESTIVE SYSTEM	7,280	6,582	61.4	698	57.0
RESPIRATORY SYSTEM	7,771	6,920	64.6	851	69.6
BONE, TISSUE, SKIN & BREAST	3,191	2,951	27.5	240	19.6
GENITOURINARY SYSTEM	4,299	3,913	36.5	386	31.5
OTHER & UNSPECIFIED SITES	3,283	2,983	27.8	300	24.5
LEUKEMIA	1,043	970	9.1	73	6.0
LYMPHATIC & HEMATOPOIETIC	1,478	1,385	12.9	93	7.6

* RATE PER 100,000 POPULATION FOR EACH RACE
**THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLE:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

FIGURE C-13
RESIDENT MALIGNANT NEOPLASM DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1987

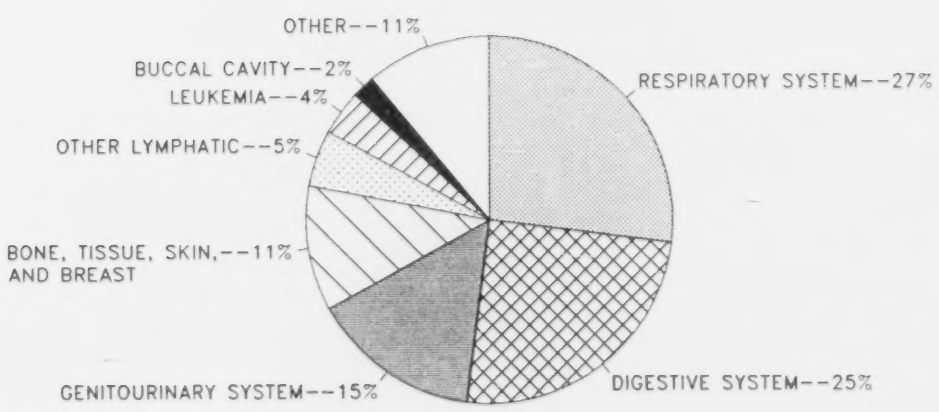


TABLE C-18A
ACCIDENTAL DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	4,464	37.4	94,840**	39.0	1967	5,459	46.9	113,169	57.2
1986	4,182	35.2	95,277	39.5	1966	5,223	44.9	113,563	58.0
1985	4,113	34.7	93,457	39.1	1965	5,351	46.4	108,004	55.7
1984	4,178	35.1	92,911	39.3	1964	5,165	45.1	103,843	54.3
1983	4,147	34.9	92,488	39.5	1963	5,154	45.1	100,669	53.4
1982	4,112	34.6	94,082	40.6	1962	5,024	44.2	97,139	52.3
1981	4,375	36.9	100,704	43.9	1961	4,762	41.5	92,249	50.4
1980	4,586	38.7	105,718	46.7	1960	4,866	43.0	93,806	52.3
1979	4,777	40.7	105,312	46.9	1959	5,036	44.5	92,080	52.2
1978	4,487	38.2	105,561	48.4	1958	5,056	45.5	90,604	52.3
1977	4,654	39.5	103,202	47.7	1957	5,374	48.1	95,307	56.0
1976	4,531	38.2	100,761	46.9	1956	5,430	48.8	94,780	56.7
1975	4,702	39.8	103,030	48.4	1955	5,659	50.8	93,443	56.9
1974	4,798	40.6	104,622	49.5	1954	5,472	50.2	90,032	55.9
1973	5,140	43.2	115,821	55.2	1953	5,747	53.1	95,032	60.0
1972	5,259	44.1	115,448	55.4	1952	5,783	53.9	96,172	61.7
1971	5,387	45.3	113,439	55.0	1951	5,831	55.0	95,871	62.5
1970	5,336	45.2	114,638	57.6	1950	5,697	54.2	91,249	60.6
1969	5,362	45.4	116,385	57.8					
1968	5,589	47.5	114,864	57.6					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-14
ACCIDENTAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

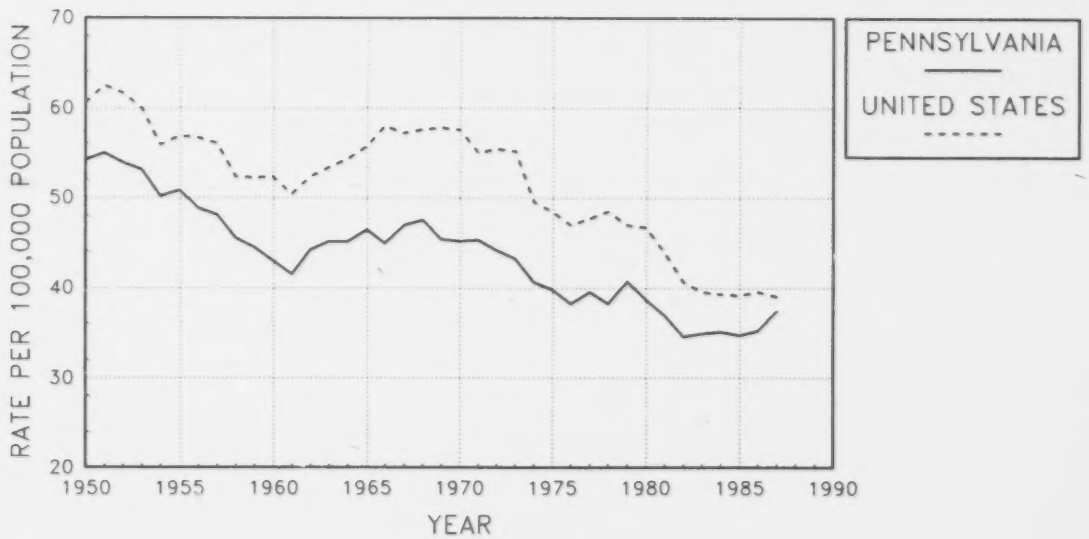


TABLE C-18B
RESIDENT ACCIDENTAL DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1987

TYPE OF ACCIDENTAL DEATH*	ALL AGES	AGE AT DEATH (IN YEARS) UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75+
TOTAL ACCIDENTAL DEATHS	4,464	140	160	770	693	465	292	405	525	1,014
MOTOR VEHICLE	2,047	38	96	600	433	266	127	152	158	177
POISONING	346	2	2	41	129	80	12	24	17	39
SURGICAL COMPLICATIONS, ETC.	239	2	0	4	4	9	14	28	78	100
FALLS	631	4	2	19	20	17	28	68	108	365
FIRES	229	49	22	15	18	16	19	25	22	43
SUBMERSION, SUFFOCATION, ETC.	386	34	15	34	22	19	29	33	57	143
OTHER ACCIDENTS	586	11	23	57	67	58	63	75	85	147

TABLE C-18C
RESIDENT ACCIDENTAL DEATHS BY TYPE AND SEX
NUMBER AND PERCENT: PENNSYLVANIA, 1987

TYPE OF ACCIDENTAL DEATH*	TOTAL	MALE NUMBER	MALE PERCENT	FEMALE NUMBER	FEMALE PERCENT
TOTAL ACCIDENTAL DEATHS	4,464	2,929	100.0	1,535	100.0
MOTOR VEHICLE	2,047	1,419	48.4	628	40.9
POISONING	346	259	8.8	87	5.7
SURGICAL COMPLICATIONS, ETC.	239	115	3.9	124	8.1
FALLS	631	315	10.8	316	20.6
FIRES	229	133	4.5	96	6.3
SUBMERSION, SUFFOCATION, ETC.	386	243	8.3	143	9.3
OTHER ACCIDENTS	586	445	15.2	141	9.2

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THE ABOVE TABLES:
MOTOR VEHICLE=E810-E825
POISONING=E850-E869
SURGICAL COMPLICATIONS/MISADVENTURES=E870-E879
FALLS=E880-E888
FIRES=E890-E899
SUBMERSION, SUFFOCATION AND FOREIGN BODIES=E910-E915
OTHER ACCIDENTS=E800-E807, E826-E848, E900-E909, E916-E949

FIGURE C–15
RESIDENT ACCIDENTAL DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1987

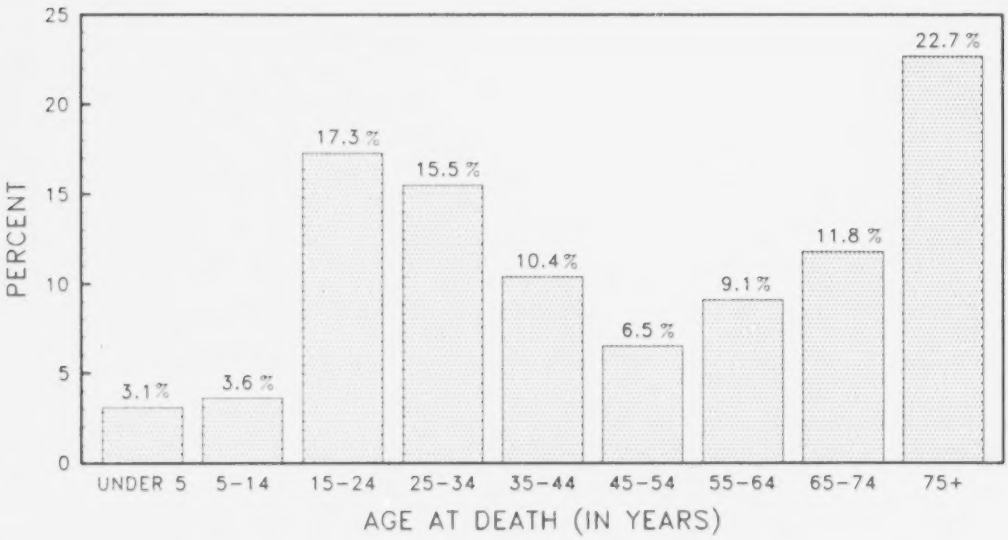


FIGURE C–16
RESIDENT ACCIDENTAL DEATHS
PERCENT BY TYPE, PENNSYLVANIA, 1987

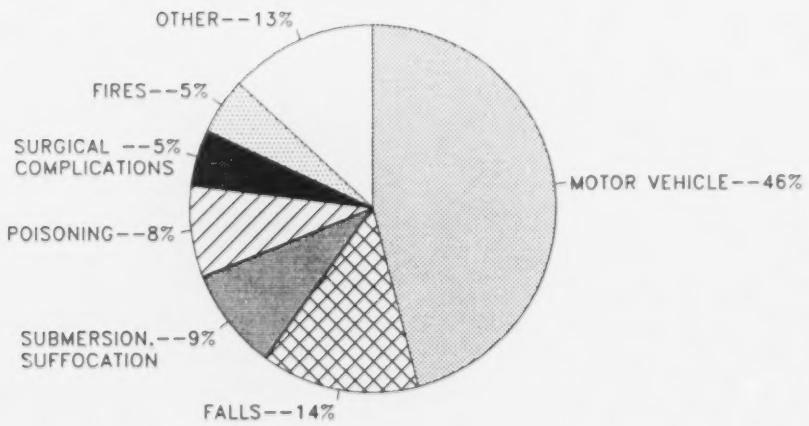


TABLE C-19
CEREBROVASCULAR DISEASE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	8,019	67.2	149,220**	61.3	1967	12,295	105.6	202,184	102.2
1986	7,961	67.0	149,643	62.1	1966	12,685	109.0	204,841	104.6
1985	8,175	68.9	153,050	64.1	1965	12,466	108.1	201,057	103.7
1984	8,334	70.0	154,327	65.3	1964	12,268	107.1	198,209	103.6
1983	8,384	70.6	155,598	66.5	1963	12,669	110.9	201,166	106.7
1982	8,559	72.0	157,710	68.0	1962	12,623	111.0	197,451	106.3
1981	8,913	75.1	163,504	71.3	1961	12,598	109.9	192,951	105.5
1980	9,539	80.4	170,225	75.1	1960	12,632	111.6	193,588	108.0
1979	9,132	77.8	169,488	77.0	1959	12,780	112.9	191,376	108.5
1978	9,559	81.4	175,629	80.5	1958	12,700	114.4	190,758	110.1
1977	10,356	87.9	181,934	84.1	1957	12,755	114.2	187,709	110.2
1976	10,749	90.6	188,623	87.9	1956	11,997	107.8	177,845	106.3
1975	11,311	95.6	194,038	91.1	1955	12,210	109.7	174,142	106.0
1974	12,014	101.5	207,424	98.1	1954	11,529	105.8	167,777	104.1
1973	12,616	106.0	214,313	102.1	1953	11,921	110.1	169,800	107.3
1972	12,438	104.3	213,344	102.5	1952	11,704	109.1	166,331	106.8
1971	12,472	105.0	209,092	101.1	1951	11,475	108.3	163,550	106.6
1970	12,573	106.6	207,166	101.9	1950	11,043	105.0	156,751	104.0
1969	12,444	105.4	207,179	102.6					
1968	12,994	110.5	211,390	105.8					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-17
CEREBROVASCULAR DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

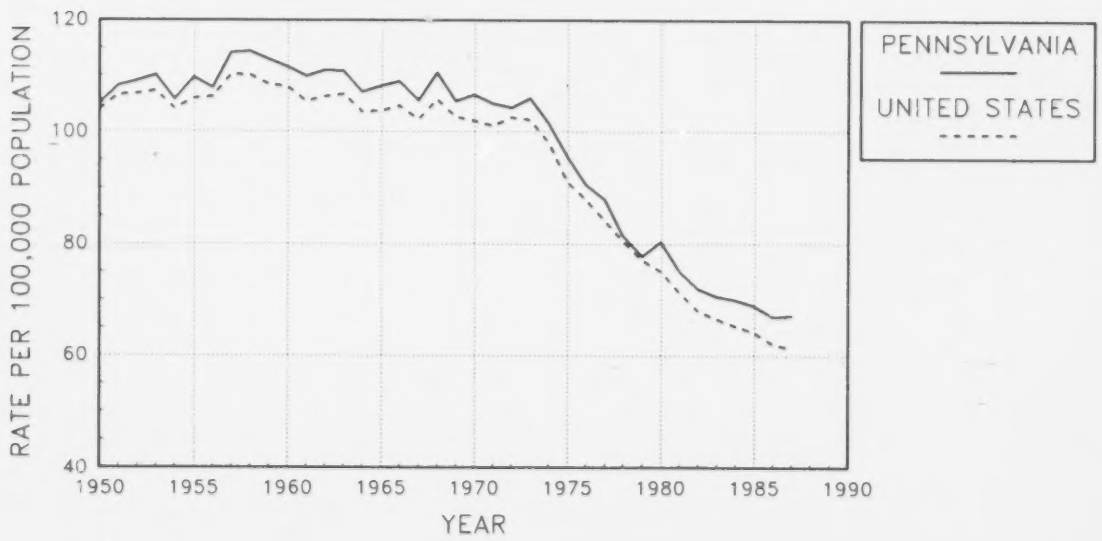


TABLE C-20
PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	3,669	30.7	70,120**	28.8	1967	3,225	27.7	56,892	28.8
1986	3,622	30.5	69,812	29.0	1966	3,515	30.2	63,615	32.5
1985	3,357	28.3	67,615	28.3	1965	3,709	32.2	61,903	31.9
1984	2,885	24.2	58,894	24.9	1964	3,393	29.6	59,451	31.1
1983	2,651	22.3	55,854	23.9	1963	4,294	37.6	70,761	37.5
1982	2,386	20.1	48,886	21.1	1962	3,529	31.0	59,995	32.3
1981	2,682	22.6	53,731	23.4	1961	3,247	28.3	55,175	30.1
1980	2,869	24.2	54,619	24.1	1960	3,889	34.3	66,803	37.3
1979	2,239	19.1	45,030	20.1	1959	3,293	29.1	55,039	31.2
1978	2,776	23.6	58,319	26.7	1958	3,494	31.5	57,439	33.1
1977	2,866	24.3	51,193	23.7	1957	3,833	34.3	61,001	35.8
1976	3,412	28.8	61,866	28.8	1956	2,996	26.9	47,103	28.2
1975	3,187	26.9	55,664	26.1	1955	2,862	25.7	44,510	27.1
1974	3,067	25.9	54,777	25.9	1954	2,406	22.1	40,991	25.4
1973	3,590	30.2	62,559	29.8	1953	3,061	28.3	52,238	33.0
1972	3,476	29.1	62,580	30.1	1952	3,113	29.0	46,265	29.7
1971	3,199	26.9	57,194	27.7	1951	3,379	31.9	48,169	31.4
1970	3,466	29.4	62,739	30.9	1950	3,116	29.6	47,120	31.3
1969	3,896	33.0	68,365	33.9					
1968	4,340	36.9	73,492	36.9					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-18
PNEUMONIA AND INFLUENZA DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

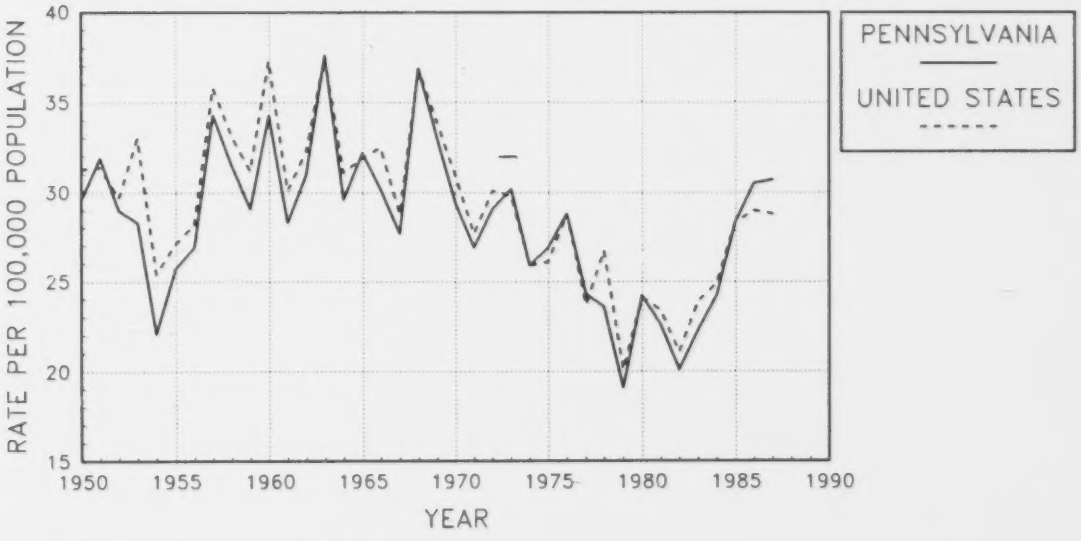


TABLE C-21A
SUICIDE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	1,489	12.5	30,980**	12.7	1967	1,059	9.1	21,325	10.8
1986	1,443	12.1	30,904	12.8	1966	1,099	9.4	21,281	10.9
1985	1,432	12.1	29,453	12.3	1965	1,131	9.8	21,507	11.1
1984	1,408	11.8	29,286	12.4	1964	1,100	9.6	20,588	10.8
1983	1,340	11.3	28,295	12.1	1963	1,134	9.9	20,825	11.0
1982	1,344	11.3	28,242	12.2	1962	1,150	10.1	20,207	10.9
1981	1,310	11.0	27,596	12.0	1961	1,097	9.6	18,999	10.4
1980	1,317	11.1	26,869	11.9	1960	1,099	9.7	19,041	10.6
1979	1,346	11.5	27,206	12.1	1959	1,100	9.9	18,633	10.6
1978	1,396	11.9	27,294	12.5	1958	1,113	10.0	18,519	10.7
1977	1,430	12.1	28,681	13.3	1957	1,044	9.3	16,632	9.8
1976	1,371	11.6	26,832	12.5	1956	1,121	10.1	16,727	10.0
1975	1,377	11.6	27,063	12.7	1955	1,035	9.3	16,760	10.2
1974	1,318	11.1	25,683	12.1	1954	988	9.1	16,356	10.1
1973	1,342	11.3	25,118	12.0	1953	1,006	9.3	15,947	10.1
1972	1,349	11.3	25,004	12.0	1952	1,028	9.6	15,567	10.0
1971	1,271	10.7	24,092	11.7	1951	1,083	10.2	15,909	10.4
1970	1,337	11.3	23,480	11.6	1950	1,101	10.5	17,145	11.4
1969	1,133	9.6	22,364	11.1					
1968	1,190	10.1	21,372	10.7					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-19
SUICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

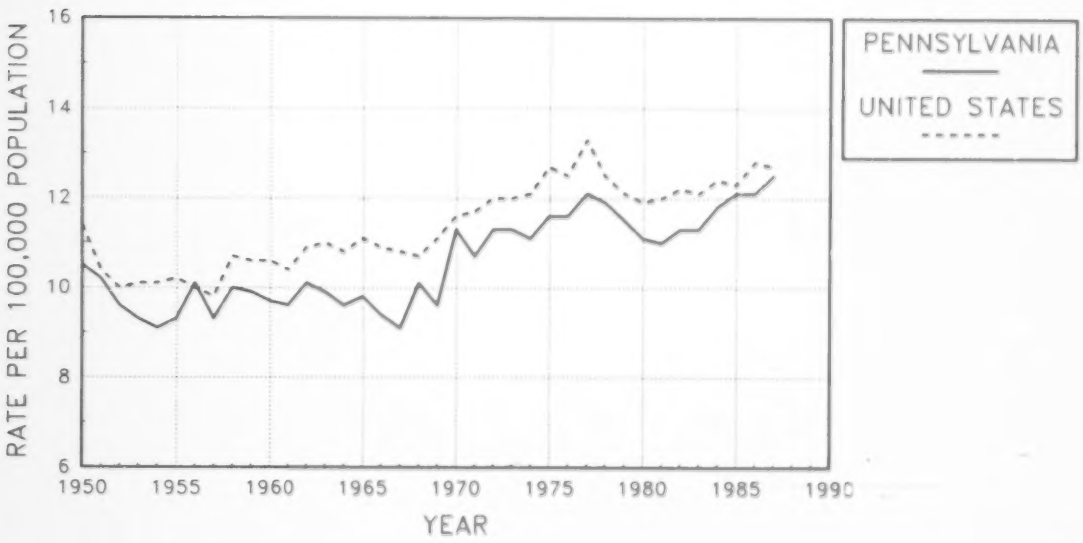


TABLE C-21B
RESIDENT SUICIDE DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1987

AGE GROUP (IN YEARS)	ALL RACES			WHITE			ALL OTHER RACES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES	1,489	1,210	279	1,385	1,132	253	104	78	26
UNDER 15	14	12	2	13	11	2	1	1	0
15-24	234	199	35	206	176	30	28	23	5
25-34	319	269	50	295	250	45	24	19	5
35-44	219	173	46	196	157	39	23	16	7
45-54	180	129	51	174	124	50	6	5	1
55-64	178	131	47	169	126	43	9	5	4
65-74	194	165	29	181	156	25	13	9	4
75+	151	132	19	151	132	19	0	0	0

FIGURE C-20
RESIDENT SUICIDE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1987

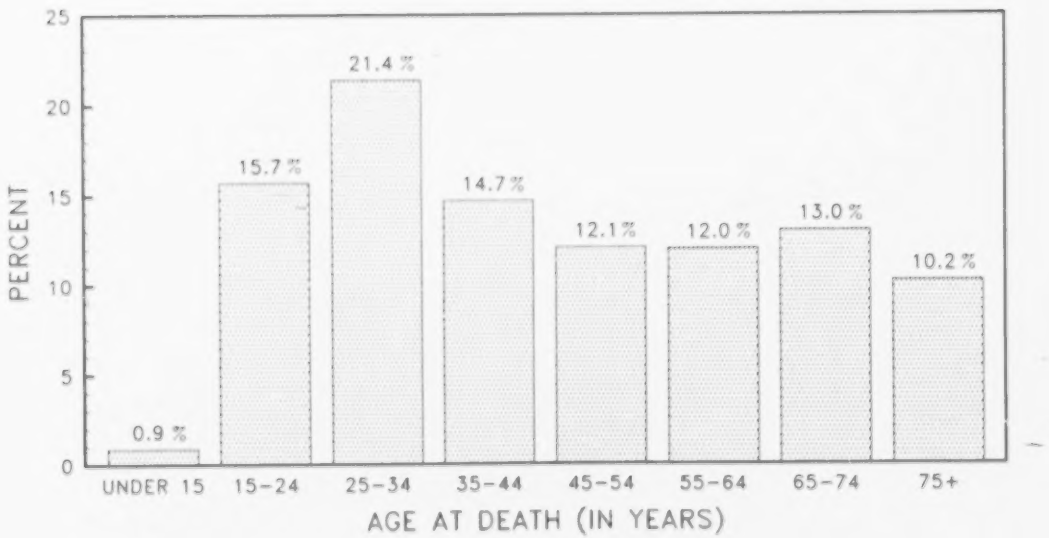


TABLE C-22A
HOMICIDE DEATHS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES, 1950-1987

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE	NUMBER	RATE	YEAR	NUMBER	RATE	NUMBER	RATE
1987	644	5.4	20,580**	8.5	1967	459	3.9	13,425	6.8
1986	658	5.5	21,731	9.0	1966	389	3.3	11,606	5.9
1985	588	5.0	19,893	8.3	1965	388	3.4	10,712	5.5
1984	580	4.9	19,796	8.4	1964	403	3.5	9,814	5.1
1983	613	5.2	20,191	8.6	1963	288	2.5	9,225	4.9
1982	713	6.0	22,358	9.6	1962	318	2.8	9,013	4.8
1981	768	6.5	23,646	10.3	1961	304	2.7	8,578	4.7
1980	827	7.0	24,278	10.7	1960	302	2.7	8,464	4.7
1979	760	6.5	22,550	10.0	1959	286	2.5	8,159	4.6
1978	736	6.3	20,432	9.4	1958	273	2.5	7,815	4.5
1977	668	5.7	19,968	9.2	1957	258	2.3	7,641	4.5
1976	746	6.3	19,554	9.1	1956	279	2.5	7,629	4.6
1975	843	7.1	21,310	10.0	1955	248	2.2	7,418	4.5
1974	859	7.3	21,465	10.2	1954	304	2.8	7,735	4.8
1973	826	6.9	20,465	9.8	1953	288	2.6	7,640	4.8
1972	761	6.4	19,638	9.4	1952	288	2.7	8,054	5.2
1971	749	6.3	18,787	9.1	1951	296	2.8	7,495	4.9
1970	657	5.6	16,848	8.3	1950	284	2.7	7,942	5.3
1969	516	4.4	15,477	7.7					
1968	473	4.0	14,686	7.4					

* RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-21
HOMICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

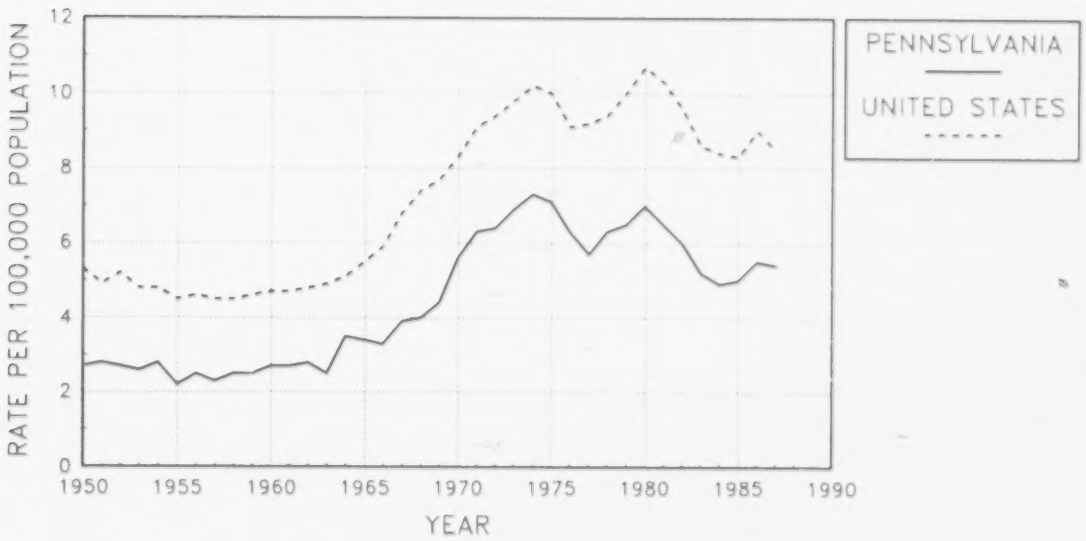


TABLE C-22B
RESIDENT HOMICIDE DEATHS BY AGE, RACE, AND SEX
PENNSYLVANIA, 1987

AGE GROUP (IN YEARS)	ALL RACES			WHITE			ALL OTHER RACES		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL AGES	644	475	169	325	230	95	319	245	74
UNDER 15	44	26	18	24	17	7	20	9	11
15-24	154	113	41	66	50	16	88	63	25
25-34	197	151	46	105	78	27	92	73	19
35-44	127	106	21	63	50	13	64	56	8
45-54	38	29	9	16	10	6	22	19	3
55-64	31	21	10	15	7	8	16	14	2
65-74	32	21	11	21	12	9	11	9	2
75+	21	8	13	15	6	9	6	2	4

FIGURE C-22
RESIDENT HOMICIDE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1987

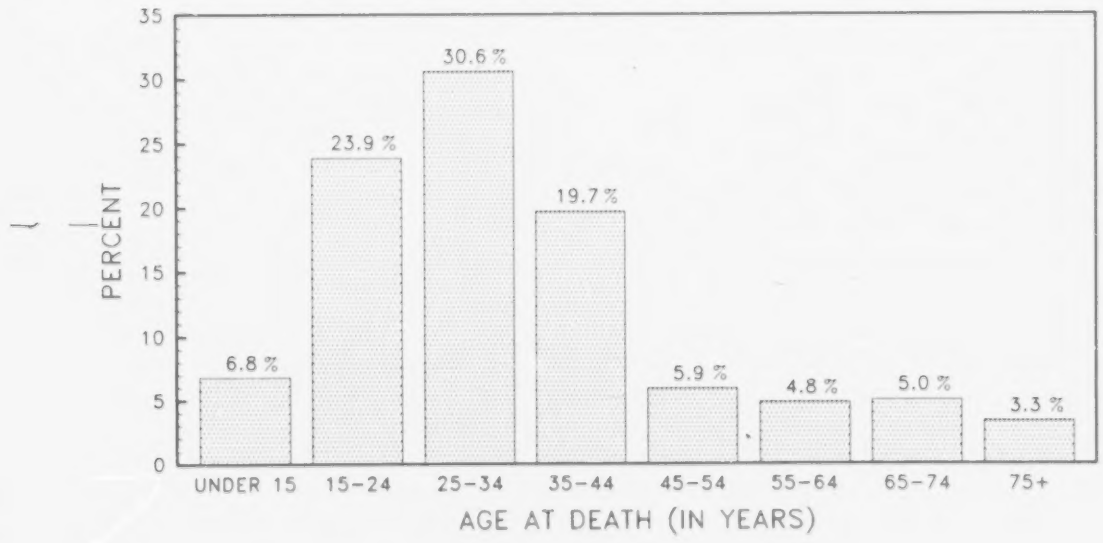
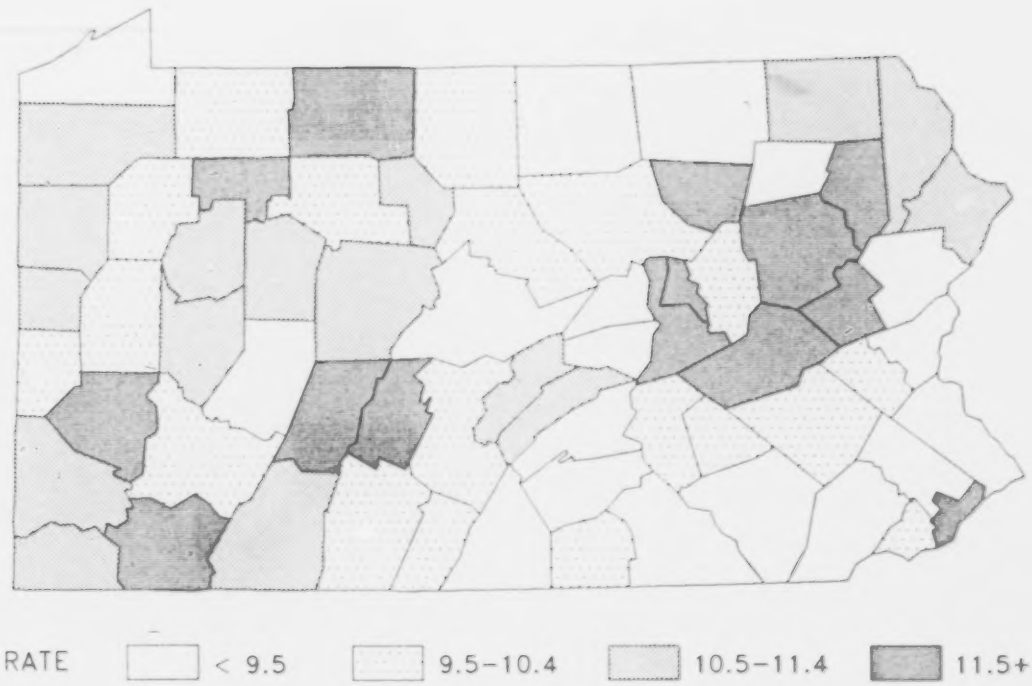


TABLE C-23
RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
BY COUNTY, NUMBER AND RATE*: PENNSYLVANIA, 1987

	LIVE BIRTHS		ALL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER**	RATE
ALL COUNTIES	162,348	13.6	124,986	10.5	1,654	10.2	1,164	7.2	1,894	11.5
ADAMS	1,023	14.2	692	9.6	8	7.8	6	5.9	8	7.8
ALLEGHENY	17,683	13.0	15,747	11.6	201	11.4	159	9.0	202	11.3
ARMSTRONG	933	11.8	835	10.6	12	12.9	8	8.6	12	12.7
BEAVER	2,244	11.7	1,956	10.2	19	8.5	12	5.3	33	14.5
BEDFORD	567	11.8	489	10.2	2	3.5	0	-	6	10.5
BERKS	4,327	13.3	3,362	10.4	34	7.9	28	6.5	50	11.4
BLAIR	1,650	12.5	1,609	12.2	15	9.1	9	5.5	21	12.6
BRADFORD	871	13.5	584	9.1	3	3.4	2	2.3	7	8.0
BUCKS	7,647	14.4	4,029	7.6	57	7.5	40	5.2	71	9.2
BUTLER	1,953	12.8	1,456	9.6	23	11.8	15	7.7	20	10.1
CAMBRIA	1,833	10.7	2,011	11.7	14	7.6	8	4.4	16	8.7
CAMERON	93	14.5	69	10.8	1	10.8	0	-	0	-
CARBON	627	11.4	684	12.4	3	4.8	1	1.6	8	12.6
CENTRE	1,411	12.3	755	6.6	14	9.9	11	7.8	22	15.4
CHESTER	5,394	15.6	2,667	7.7	34	6.3	24	4.4	49	9.0
CLARION	523	12.5	472	11.3	3	5.7	2	3.8	5	9.5
CLEARFIELD	1,077	13.2	896	11.0	12	11.1	6	5.6	11	10.1
CLINTON	434	11.5	370	9.8	3	6.9	2	4.6	9	20.3
COLUMBIA	668	11.0	608	10.0	4	6.0	2	3.0	9	13.3
CRAWFORD	1,118	13.0	909	10.5	13	11.6	7	6.3	9	8.0
CUMBERLAND	2,160	11.2	1,605	8.4	18	8.3	15	6.9	14	6.4
DAUPHIN	3,431	14.4	2,378	10.0	45	13.1	35	10.2	53	15.2
DELAWARE	8,038	14.2	5,797	10.3	65	8.1	51	6.3	102	12.5
ELK	489	13.1	373	10.0	1	2.0	1	2.0	2	4.1
ERIE	3,904	14.0	2,571	9.2	44	11.3	30	7.7	39	9.9
FAYETTE	1,829	11.9	1,757	11.5	17	9.3	13	7.1	20	10.8
FOREST	39	8.3	59	12.6	0	-	0	-	2	48.8
FRANKLIN	1,542	12.9	1,021	8.5	7	4.5	5	3.2	16	10.3
FULTON	196	13.8	136	9.6	1	5.1	1	5.1	2	10.1
GREENE	499	12.4	425	10.6	4	8.0	2	4.0	2	4.0
HUNTINGDON	554	12.9	439	10.3	6	10.8	6	10.8	5	8.9
INDIANA	1,023	11.1	793	8.6	10	9.8	7	6.8	8	7.8
JEFFERSON	604	12.6	524	10.9	3	5.0	2	3.3	10	16.3
JUNIATA	288	14.3	213	10.6	4	13.9	3	10.4	2	6.9
LACKAWANNA	2,571	11.5	2,770	12.4	24	9.3	20	7.8	20	7.7
LANCASTER	6,469	16.0	3,468	8.6	54	8.3	40	6.2	74	11.3
LAWRENCE	1,196	11.9	1,148	11.4	7	5.9	4	3.3	8	6.6
LEBANON	1,525	13.5	1,148	10.2	13	8.5	10	6.6	11	7.2
LEHIGH	3,806	13.4	2,762	9.7	32	8.4	21	5.5	36	9.4
LUZERNE	3,602	10.9	4,488	13.5	34	9.4	22	6.1	31	8.5
LYCOMING	1,566	13.4	1,182	10.1	12	7.7	8	5.1	15	9.5
MCKEAN	595	12.8	573	12.3	3	5.0	2	3.4	2	3.4
MERCER	1,375	11.1	1,310	10.6	11	8.0	8	5.8	18	12.9
MIFFLIN	682	14.7	493	10.6	6	8.8	3	4.4	6	8.7
MONROE	1,105	12.6	750	8.6	5	4.5	4	3.6	9	8.1
MONTGOMERY	9,278	13.6	6,181	9.1	73	7.9	55	5.9	100	10.7
MONTOUR	228	13.7	208	12.5	0	-	0	-	3	13.0
NORTHAMPTON	2,940	12.3	2,243	9.4	27	9.2	19	6.5	30	10.1
NORTHUMBERLAND	1,139	11.6	1,283	13.1	9	7.9	8	7.0	26	22.3
PERRY	580	14.5	324	8.1	2	3.4	1	1.7	5	8.5
PHILADELPHIA	28,529	17.3	20,687	12.6	483	16.9	322	11.3	449	15.5
PIKE	306	12.6	262	10.8	1	3.3	1	3.3	4	12.9
POTTER	269	15.0	182	10.2	3	11.2	2	7.4	5	18.2
SCHUYLKILL	1,637	10.6	2,083	13.4	18	11.0	11	6.7	17	10.3
SNYDER	503	14.1	308	8.6	2	4.0	2	4.0	6	11.8
SOMERSET	977	12.1	870	10.8	14	14.3	5	5.1	10	10.1
SULLIVAN	62	9.7	87	13.6	0	-	0	-	2	31.3
SUSQUEHANNA	557	13.8	435	10.8	2	3.6	2	3.6	4	7.1
TIOGA	493	12.1	360	8.8	2	4.1	1	2.0	6	12.0
UNION	405	11.7	284	8.2	3	7.4	3	7.4	6	14.6
VENANGO	766	12.3	607	9.8	9	11.7	6	7.8	13	16.7
WARREN	624	13.8	464	10.2	9	14.4	5	8.0	7	11.1
WASHINGTON	2,275	10.8	2,355	11.2	20	8.8	14	6.2	23	10.0
WAYNE	491	12.5	421	10.7	4	8.1	2	4.1	5	10.1
WESTMORELAND	4,241	11.2	3,853	10.2	22	5.2	18	4.2	48	11.2
WYOMING	370	13.2	220	7.9	5	13.5	3	8.1	5	13.3
YORK	4,514	13.6	2,886	8.7	45	10.0	29	6.4	45	9.9

* BIRTH AND DEATH CRUDE RATES PER 1,000 ESTIMATED 1987 POPULATION. INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS. FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

FIGURE C-23
RESIDENT CRUDE DEATH RATES BY COUNTY
PENNSYLVANIA, 1987



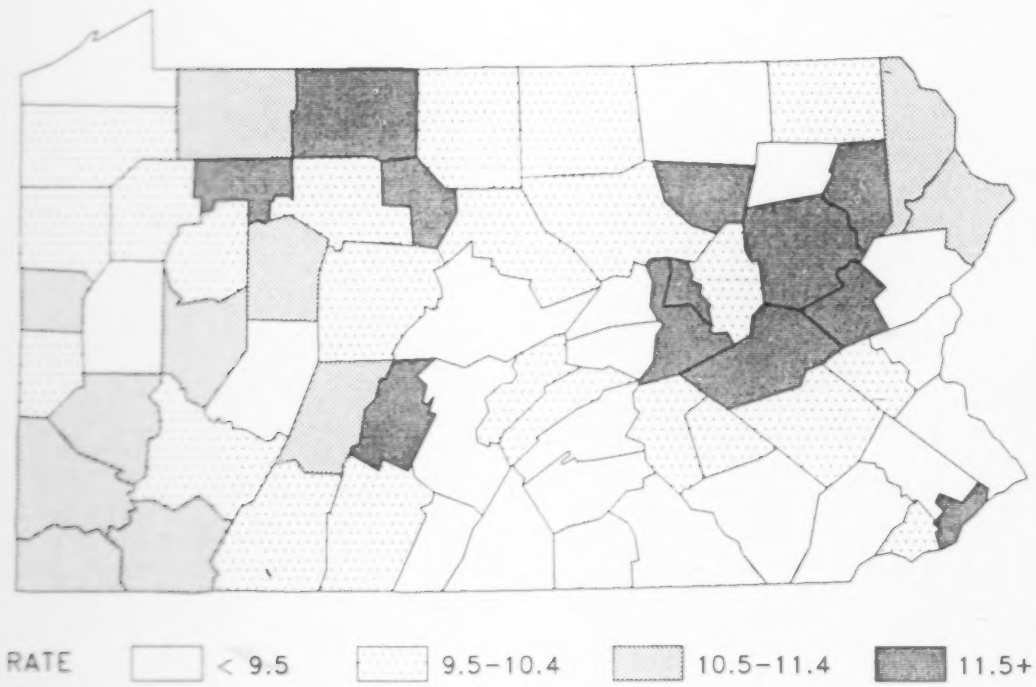
NOTE: RATE PER 1,000 POPULATION, 1987. SEE TABLE C-23 FOR COUNTY RATES.

TABLE C-24
RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS BY COUNTY
NUMBER AND RATE*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

	ALL DEATHS 1983-1987		INFANT DEATHS 1983-1987		NEONATAL DEATHS 1983-1987	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	614,495	10.3	8,414	10.6	5,807	7.3
ADAMS	3,291	9.3	34	6.8	22	4.4
ALLEGHENY	78,698	11.3	1,040	11.7	800	9.0
ARMSTRONG	4,302	10.9	47	9.5	31	6.3
BEAVER	9,811	10.0	123	10.6	75	6.5
BEDFORD	2,360	9.9	26	9.1	16	5.6
BERKS	16,157	10.1	194	9.3	138	6.6
BLAIR	7,947	11.9	96	11.5	70	8.4
BRADFORD	2,962	9.3	32	7.1	17	3.8
BUCKS	18,963	7.4	256	7.1	183	5.1
BUTLER	6,931	9.2	95	9.3	65	6.4
CAMBRIA	9,825	11.2	96	9.6	66	6.6
CAMERON	391	11.9	3	6.2	0	-
CARBON	3,339	12.3	21	7.0	15	5.0
CENTRE	3,538	6.2	66	9.8	51	7.5
CHESTER	12,786	7.6	232	9.4	160	6.5
CLARION	2,074	9.7	21	7.9	12	4.5
CLEARFIELD	4,324	10.4	68	12.3	44	8.0
CLINTON	1,900	9.9	24	10.3	16	6.9
COLUMBIA	3,192	10.4	25	6.9	9	2.5
CRAWFORD	4,493	10.2	67	11.1	43	7.1
CUMBERLAND	7,771	8.3	101	9.4	72	6.7
DAUPHIN	11,686	9.9	189	11.2	142	8.4
DELAWARE	28,908	10.4	346	8.8	264	6.7
ELK	1,780	9.5	21	8.0	14	5.3
ERIE	13,007	9.3	230	11.2	158	7.7
FAYETTE	8,942	11.4	95	10.0	60	6.3
FOREST	301	12.3	3	11.7	3	11.7
FRANKLIN	5,219	8.9	64	8.6	43	5.8
FULTON	572	8.3	4	4.3	4	4.3
GREENE	2,174	10.7	28	10.7	21	8.0
HUNTINGDON	2,006	9.4	14	5.1	10	3.6
INDIANA	3,960	8.6	56	9.9	42	7.5
JEFFERSON	2,593	10.7	31	9.4	22	6.7
JUNIATA	1,007	10.1	14	10.1	8	5.8
LACKAWANNA	14,051	12.6	122	9.1	82	6.1
LANCASTER	16,476	8.5	255	8.4	172	5.7
LAWRENCE	5,609	10.8	60	9.8	34	5.5
LEBANON	5,536	9.9	62	8.6	38	5.3
LEHIGH	13,553	9.7	150	8.4	105	5.9
LUZERNE	21,469	12.9	166	8.9	119	6.4
LYCOMING	5,834	10.0	64	7.9	35	4.3
MCKEAN	2,780	11.6	27	8.6	17	5.4
MERCER	6,431	10.3	60	8.2	43	5.9
MIFFLIN	2,359	10.2	26	8.1	11	3.4
MONROE	3,526	8.8	36	7.5	27	5.7
MONTGOMERY	30,624	9.2	407	9.2	283	6.4
MONTOUR	1,103	13.1	6	5.0	5	4.2
NORTHAMPTON	10,874	9.3	117	8.5	77	5.6
NORTHUMBERLAND	6,348	12.8	42	7.0	26	4.3
PERRY	1,598	8.4	21	7.9	14	5.3
PHILADELPHIA	101,340	12.3	2,154	16.1	1,420	10.6
PIKE	1,152	10.7	10	8.2	8	6.5
POTTER	886	9.8	15	11.0	6	4.4
SCHUYLKILL	10,549	13.5	74	8.5	44	5.1
SNYDER	1,490	8.4	18	7.2	13	5.2
SOMERSET	4,172	10.3	60	11.8	38	7.5
SULLIVAN	417	13.3	1	3.2	0	-
SUSQUEHANNA	1,924	9.8	23	8.3	14	5.1
TIOGA	1,945	9.6	16	6.2	13	5.0
UNION	1,497	8.7	19	11.1	15	6.9
VENANGO	3,170	10.1	42	10.3	31	7.6
WARREN	2,473	10.6	37	12.0	20	6.5
WASHINGTON	11,516	10.8	130	10.6	95	7.8
WAYNE	2,128	11.2	25	10.3	13	5.4
WESTMORELAND	19,549	10.2	192	8.8	158	7.2
WYOMING	1,133	8.2	20	10.2	14	7.2
YORK	13,773	8.5	190	8.8	121	5.6

* CRUDE DEATH RATE PER 1,000 POPULATION FOR EACH COUNTY, 1983-1987.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS FOR EACH COUNTY, 1983-1987.

FIGURE C-24
RESIDENT CRUDE DEATH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987



NOTE: RATE PER 1,000 POPULATION, 1983-1987. SEE TABLE C-24 FOR COUNTY RATES.

FIGURE C-25
RESIDENT INFANT DEATH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

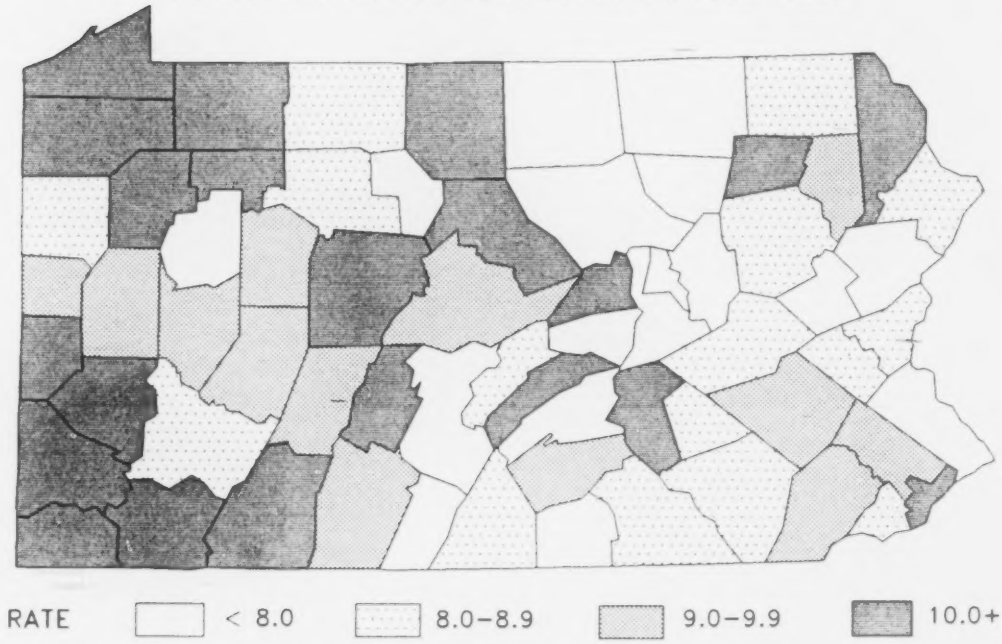
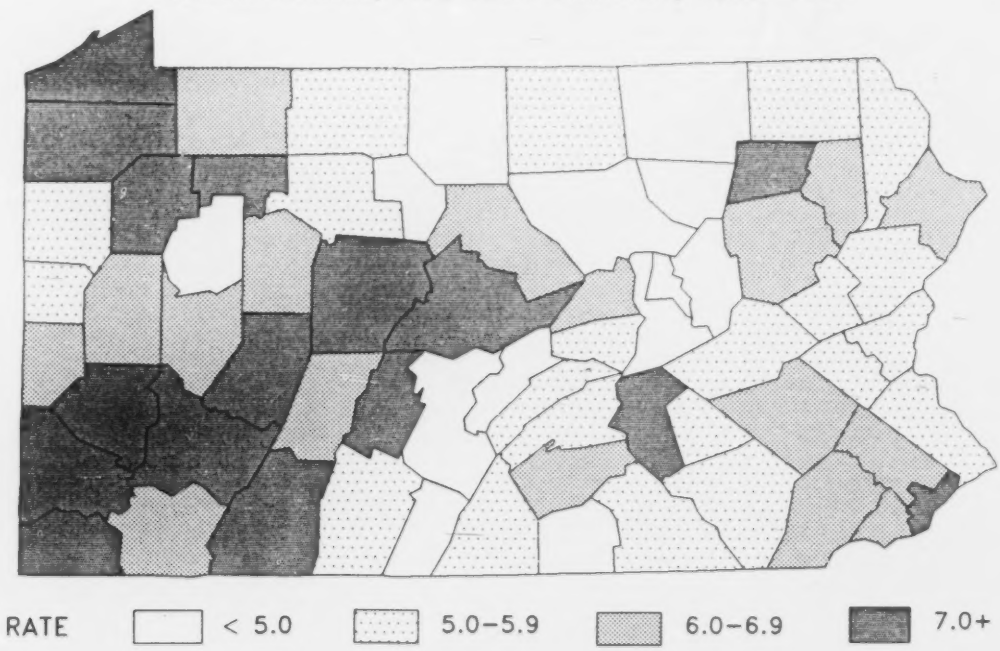


FIGURE C-26
RESIDENT NEONATAL DEATH RATES BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987



NOTE: RATE PER 1,000 LIVE BIRTHS, 1983-1987. SEE TABLE C-24 FOR COUNTY RATES.

TABLE C-25
AGE-ADJUSTED DEATH RATES* BY SEX AND COUNTY
PENNSYLVANIA RESIDENTS, 1987 AND FIVE YEAR SUMMARY, 1983-1987

COUNTY	1987			1983 - 1987		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
ALL COUNTIES	5.6	7.2	4.3	5.5	7.2	4.3
ADAMS	5.5	6.9	4.4	5.3	6.8	4.1
ALLEGHENY	5.6	7.2	4.3	5.7	7.3	4.4
ARMSTRONG	5.1	6.3	4.0	5.3	6.8	4.1
BEAVER	5.3	6.6	4.1	5.4	6.8	4.2
BEDFORD	5.3	6.7	4.1	5.4	7.0	4.1
BERKS	5.0	6.5	3.8	5.0	6.5	3.9
BLAIR	5.8	7.5	4.6	5.9	7.7	4.5
BRADFORD	5.1	6.6	3.8	5.1	6.7	3.8
BUCKS	5.3	6.3	4.4	5.3	6.5	4.2
BUTLER	5.5	7.0	4.4	5.4	7.0	4.2
CAMBRIA	5.5	7.2	4.2	5.6	7.5	4.1
CAMERON	5.1	6.1	4.4	6.0	7.6	4.6
CARBON	5.8	7.6	4.4	5.8	7.6	4.2
CENTRE	5.1	6.4	4.0	5.0	6.3	4.0
CHESTER	5.2	6.7	4.0	5.1	6.5	4.0
CLARION	6.3	8.4	4.5	5.6	7.5	4.1
CLEARFIELD	5.8	7.5	4.5	5.5	7.2	4.2
CLINTON	5.3	6.9	3.9	5.5	7.2	4.0
COLUMBIA	4.7	5.7	4.0	5.2	6.6	4.1
CRAWFORD	5.3	6.9	3.9	5.3	6.7	4.2
CUMBERLAND	4.7	6.1	3.7	4.8	6.1	3.8
DAUPHIN	5.5	7.0	4.5	5.5	7.2	4.3
DELAWARE	5.4	6.8	4.3	5.4	6.9	4.3
ELK	5.3	6.9	4.0	5.0	6.3	4.0
ERIE	5.4	7.0	4.2	5.6	7.2	4.4
FAYETTE	5.7	7.5	4.3	5.8	7.5	4.4
FOREST	6.5	7.6	5.4	6.3	8.1	4.6
FRANKLIN	4.8	6.1	3.8	4.9	6.3	3.8
FULTON	6.6	8.5	5.0	5.0	6.3	3.9
GREENE	5.6	7.5	4.0	5.8	7.5	4.3
HUNTINGDON	6.1	8.8	3.9	5.6	7.7	3.6
INDIANA	5.2	6.8	3.9	5.3	6.6	4.1
JEFFERSON	5.2	6.8	4.0	5.3	6.8	4.1
JUNIATA	5.8	6.5	5.2	5.4	6.7	4.4
LACKAWANNA	5.4	7.5	4.0	5.6	7.6	4.2
LANCASTER	4.7	5.9	3.8	4.7	5.9	3.7
LAWRENCE	5.1	6.5	3.9	5.2	6.5	4.1
LEBANON	5.4	7.2	4.0	5.3	6.9	4.0
LEHIGH	5.1	6.8	3.8	5.1	6.6	3.9
LUZERNE	6.0	8.1	4.5	5.8	7.9	4.3
LYCOMING	5.1	6.4	4.1	5.2	6.8	3.9
MCKEAN	5.2	6.5	4.2	5.3	6.8	4.2
MERCER	5.2	6.7	4.0	5.1	6.5	4.1
MIFFLIN	5.7	7.4	4.5	5.3	7.2	3.9
MONROE	4.9	6.7	3.3	5.0	6.5	3.7
MONTGOMERY	4.6	5.8	3.7	4.7	6.0	3.7
MONTOUR	5.3	6.2	4.4	5.8	7.0	4.9
NORTHAMPTON	4.8	6.1	3.7	5.0	6.5	3.8
NORTHUMBERLAND	5.7	7.5	4.4	5.8	7.7	4.3
PERRY	5.6	7.0	4.4	5.6	6.9	4.4
PHILADELPHIA	7.3	9.8	5.4	7.1	9.5	5.4
PIKE	5.4	7.1	3.9	4.9	6.1	3.8
POTTER	5.2	6.5	4.2	5.0	6.4	3.8
SCHUYLKILL	6.1	8.3	4.4	6.1	8.3	4.5
SNYDER	5.5	6.9	4.2	5.3	6.8	4.1
SOMERSET	5.4	7.3	4.0	5.3	7.0	3.9
SULLIVAN	5.5	6.6	4.5	5.8	7.7	4.1
SUSQUEHANNA	5.6	7.4	4.1	5.3	6.9	3.9
TIOGA	4.6	6.3	3.1	5.2	6.6	3.9
UNION	4.8	5.9	3.9	5.2	6.7	3.9
VENANGO	5.2	6.4	4.3	5.6	7.2	4.4
WARREN	5.1	6.2	4.1	5.4	6.6	4.4
WASHINGTON	5.4	6.9	4.2	5.5	7.1	4.2
WAYNE	5.0	6.6	3.5	5.2	6.8	3.9
WESTMORELAND	5.2	6.9	3.9	5.4	7.0	4.1
WYOMING	5.2	6.6	3.9	5.1	6.7	3.8
YORK	5.0	6.2	3.9	4.9	6.2	3.8

*AGE-ADJUSTED RATES ARE COMPUTED BY THE DIRECT METHOD USING 1940 U.S. POPULATION AS THE STANDARD. RATES PER 1,000 POPULATION.

FIGURE C-27
AGE-ADJUSTED DEATH RATES BY COUNTY
PENNSYLVANIA RESIDENTS, 1987

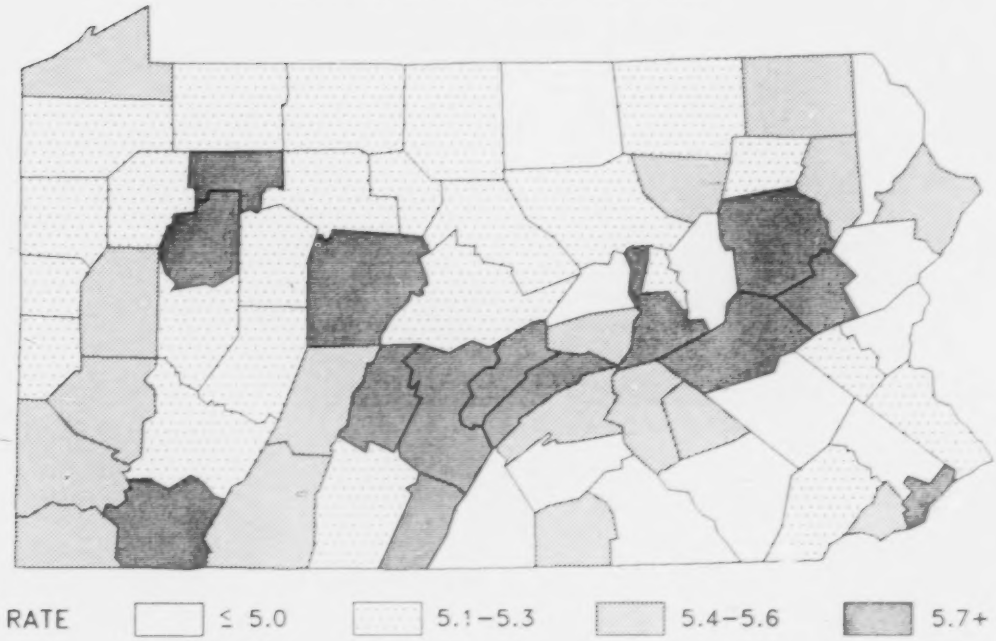
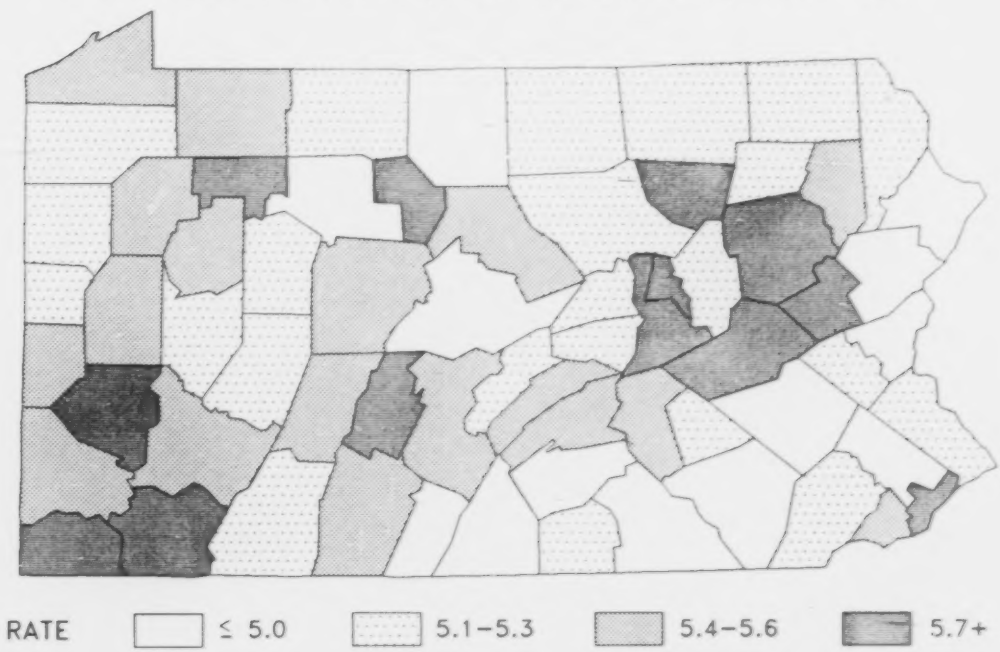


FIGURE C-28
AGE-ADJUSTED DEATH RATES BY COUNTY
PENNSYLVANIA RESIDENTS, FIVE YEAR SUMMARY, 1983-1987



NOTE: SEE TABLE C-25 FOR COUNTY RATES AND THE DEFINITION OF RATE.

TABLE C-26
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1987

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL COUNTIES	124,986	1,970	160	182	592	973	2,315	3,134	5,876	16,143	31,344	36,177	26,120
ADAMS	692	15	1	1	3	14	15	17	32	75	161	183	175
ALLEGHENY	15,747	219	7	12	41	76	258	333	654	2,154	4,207	4,616	3,170
ARMSTRONG	835	14	1	0	3	4	9	15	36	102	209	277	165
BEAVER	1,956	27	3	0	11	12	23	28	100	256	563	556	377
BEDFORD	489	6	0	1	3	1	3	6	25	55	139	153	97
BERKS	3,362	42	2	9	11	29	61	82	137	370	815	1,040	764
BLAIR	1,609	21	2	3	7	9	24	40	75	176	376	486	390
BRADFORD	584	5	0	2	8	7	14	19	21	77	127	168	136
BUCKS	4,029	67	13	12	28	38	100	101	209	564	921	1,097	879
BUTLER	1,456	27	2	2	11	16	25	33	58	181	336	456	309
CAMBRIA	2,011	17	5	4	7	9	23	37	84	258	533	604	430
CAMERON	69	1	0	0	0	0	1	3	3	7	20	19	15
CARBON	684	4	0	2	3	7	14	13	22	102	193	211	113
CENTRE	755	17	0	2	9	6	19	16	36	98	183	200	169
CHESTER	2,667	41	2	5	16	34	56	92	126	363	601	746	585
CLARION	472	3	0	1	1	2	7	8	23	54	123	143	107
CLEARFIELD	896	15	1	2	9	6	13	24	33	130	224	264	175
CLINTON	370	3	0	0	2	3	4	4	23	51	104	104	72
COLUMBIA	608	5	0	0	1	4	3	8	22	78	164	197	126
CRAWFORD	909	16	1	1	3	10	18	9	35	107	212	273	224
CUMBERLAND	1,605	22	1	1	2	13	18	35	87	197	390	477	362
DAUPHIN	2,378	50	2	2	16	14	35	62	121	311	577	694	494
DELAWARE	5,797	77	7	4	24	45	105	135	246	767	1,477	1,613	1,297
ELK	373	3	0	0	1	3	3	6	21	51	107	105	73
ERIE	2,571	55	4	7	16	22	47	59	113	355	655	718	520
FAYETTE	1,757	17	2	2	11	17	29	34	82	241	494	502	326
FOREST	59	0	0	0	0	1	2	2	4	10	18	18	4
FRANKLIN	1,021	20	3	2	7	8	18	13	58	110	257	294	231
FULTON	136	2	0	0	3	2	5	3	12	17	37	36	19
GREENE	425	4	1	0	5	0	7	12	19	49	118	114	96
HUNTINGDON	439	6	2	1	3	6	9	9	29	58	109	134	73
INDIANA	793	15	1	5	5	14	14	15	35	100	199	224	166
JEFFERSON	524	3	1	0	4	5	8	10	23	61	125	154	130

(CONTINUED)

TABLE C-26
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1987

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
JUNIATA	213	5	0	1	3	2	3	4	7	23	48	81	36
LACKAWANNA	2,770	25	3	2	8	14	36	36	102	360	775	881	528
LANCASTER	3,468	72	14	10	22	32	58	73	148	343	713	997	986
LAWRENCE	1,148	10	2	3	4	7	16	16	45	143	304	341	257
LEBANON	1,148	14	4	1	9	6	12	24	50	157	297	298	276
LEHIGH	2,762	35	1	4	11	17	50	68	109	363	647	858	599
LUZERNE	4,488	43	2	5	15	34	59	80	185	577	1,194	1,419	875
LYCOMING	1,182	15	3	1	5	15	18	32	54	124	290	338	287
MCKEAN	573	3	0	2	2	2	5	7	20	58	141	188	145
MERCER	1,310	19	0	3	7	11	16	39	51	156	321	399	288
MIFFLIN	493	9	1	0	4	3	10	10	24	71	123	135	103
MONROE	750	5	3	1	3	8	19	20	32	101	195	219	144
MONTGOMERY	6,181	84	11	7	28	38	101	160	280	740	1,326	1,829	1,577
MONTOUR	208	1	0	0	1	1	1	0	7	26	50	63	58
NORTHAMPTON	2,243	35	2	1	13	16	34	58	106	285	603	625	465
NORTHUMBERLAND	1,283	11	0	1	4	11	18	20	51	139	346	444	238
PERRY	324	5	0	2	2	9	3	8	27	40	75	100	53
PHILADELPHIA	20,687	549	31	27	86	192	596	844	1,294	2,866	5,100	5,417	3,685
PIKE	262	1	0	0	0	2	2	6	8	38	73	77	55
POTTER	182	3	0	0	0	1	1	8	6	25	47	51	40
SCHUYLKILL	2,083	20	0	3	14	14	39	52	93	281	558	667	342
SNYDER	308	4	3	1	7	3	7	8	15	45	73	86	56
SOMERSET	870	15	1	2	6	9	14	20	40	94	214	245	210
SULLIVAN	87	1	0	0	1	0	0	1	4	4	16	38	22
SUSQUEHANNA	435	3	0	1	9	3	7	7	20	41	106	137	101
TIOGA	360	2	1	0	1	5	11	4	18	39	74	124	81
UNION	284	4	1	2	3	1	9	7	12	35	58	71	81
VENANGO	607	13	0	0	1	2	16	8	25	76	166	162	138
WARREN	464	9	1	0	3	5	9	5	17	53	103	144	115
WASHINGTON	2,355	25	4	3	3	12	40	49	88	291	678	706	456
WAYNE	421	5	1	0	5	4	8	11	11	59	94	103	120
WESTMORELAND	3,853	27	4	8	22	36	54	88	186	503	1,024	1,156	745
WYOMING	220	6	0	1	3	1	6	10	11	29	55	52	46
YORK	2,886	53	3	7	13	20	47	68	126	373	683	850	643

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-27
RESIDENT DEATHS BY SEX, RACE AND COUNTY
PENNSYLVANIA, 1987

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL COUNTIES	124,986	112,947	56,926	56,021	12,039	6,467	5,572
ADAMS	692	677	338	339	15	7	8
ALLEGHENY	15,747	14,006	6,928	7,078	1,741	911	830
ARMSTRONG	835	827	429	398	8	5	3
BEAVER	1,956	1,846	957	889	110	66	44
BEDFORD	489	487	263	224	2	0	2
BERKS	3,362	3,288	1,688	1,600	74	41	33
BLAIR	1,609	1,596	793	803	13	6	7
BRADFORD	584	583	306	277	1	0	1
BUCKS	4,029	3,939	1,929	2,010	90	47	43
BUTLER	1,456	1,451	742	709	5	4	1
CAMBRIA	2,011	1,983	1,031	952	28	14	14
CAMERON	69	69	37	32	0	0	0
CARBON	684	682	352	330	2	2	0
CENTRE	755	751	380	371	4	2	2
CHESTER	2,667	2,477	1,271	1,206	190	117	73
CLARION	472	472	250	222	0	0	0
CLEARFIELD	896	895	470	425	1	1	0
CLINTON	370	370	203	167	0	0	0
COLUMBIA	608	607	300	307	1	0	1
CRAWFORD	909	896	471	425	13	7	6
CUMBERLAND	1,605	1,586	782	804	19	11	8
DAUPHIN	2,378	2,041	975	1,066	337	165	172
DELAWARE	5,797	5,256	2,482	2,774	541	304	237
ELK	373	372	203	169	1	0	1
ERIE	2,571	2,460	1,243	1,217	111	63	48
FAYETTE	1,757	1,684	890	794	73	48	25
FOREST	59	59	36	23	0	0	0
FRANKLIN	1,021	1,003	523	480	18	10	8
FULTON	136	134	75	59	2	2	0
GREENE	425	418	230	188	7	1	6
HUNTINGDON	439	433	250	183	6	5	1
INDIANA	793	789	427	362	4	3	1
JEFFERSON	524	524	273	251	0	0	0

(CONTINUED)

TABLE C-27
RESIDENT DEATHS BY SEX, RACE AND COUNTY
PENNSYLVANIA, 1987

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
JUNIATA	213	213	95	118	0	0	0
LACKAWANNA	2,770	2,760	1,387	1,373	10	6	4
LANCASTER	3,468	3,399	1,674	1,725	69	38	31
LAWRENCE	1,148	1,116	565	551	32	19	13
LEBANON	1,148	1,143	598	545	5	3	2
LEHIGH	2,762	2,724	1,440	1,284	38	24	14
LUZERNE	4,488	4,470	2,229	2,241	18	8	10
LYCOMING	1,182	1,157	577	580	25	12	13
MCKEAN	573	572	293	279	1	1	0
MERCER	1,310	1,250	645	605	60	38	22
MIFFLIN	493	492	244	248	1	1	0
MONROE	750	743	421	322	7	4	3
MONTGOMERY	6,181	5,896	2,810	3,086	285	151	134
MONTOUR	208	207	84	123	1	0	1
NORTHAMPTON	2,243	2,201	1,125	1,076	42	26	16
NORTHUMBERLAND	1,283	1,281	638	643	2	1	1
PERRY	324	324	175	149	0	0	0
PHILADELPHIA	20,687	12,929	6,369	6,560	7,758	4,143	3,615
PIKE	262	262	153	109	0	0	0
POTTER	182	182	95	87	0	0	0
SCHUYLKILL	2,083	2,078	1,095	983	5	4	1
SNYDER	308	308	169	139	0	0	0
SOMERSET	870	870	458	412	0	0	0
SULLIVAN	87	87	49	38	0	0	0
SUSQUEHANNA	435	435	236	199	0	0	0
TIOGA	360	360	196	164	0	0	0
UNION	284	280	138	142	4	3	1
VENANGO	607	604	297	307	3	2	1
WARREN	464	464	232	232	0	0	0
WASHINGTON	2,355	2,255	1,171	1,084	100	64	36
WAYNE	421	421	217	204	0	0	0
WESTMORELAND	3,853	3,776	1,982	1,794	77	37	40
WYOMING	220	220	121	99	0	0	0
YORK	2,886	2,807	1,421	1,386	79	40	39

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

TABLE C-28
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	124,986	1047.1	47,381	396.9	409	3.4	1,066	8.9	14,048	117.7
ADAMS	692	958.4	278	385.0	2	2.8	6	8.3	55	76.2
ALLEGHENY	15,747	1156.0	6,067	445.4	56	4.1	169	12.4	2,092	153.6
ARMSTRONG	835	1055.6	356	450.1	2	2.5	3	3.8	166	209.9
BEAVER	1,956	1024.1	778	407.3	15	7.9	27	14.1	222	116.2
BEDFORD	489	1020.9	180	375.8	3	6.3	2	4.2	64	133.6
BERKS	3,362	1036.7	1,106	341.0	3	0.9	25	7.7	327	100.8
BLAIR	1,609	1219.9	693	525.4	6	4.5	18	13.6	263	199.4
BRADFORD	584	908.2	210	326.6	2	3.1	6	9.3	60	93.3
BUCKS	4,029	757.3	1,383	260.0	9	1.7	30	5.6	401	75.4
BUTLER	1,456	955.4	565	370.7	5	3.3	2	1.3	239	156.8
CAMBRIA	2,011	1173.3	832	485.4	7	4.1	38	22.2	287	167.4
CAMERON	69	1076.4	24	374.4	0	-	1	15.6	12	187.2
CARBON	684	1239.2	292	529.0	5	9.1	4	7.2	112	202.9
CENTRE	755	658.8	307	267.9	3	2.6	2	1.7	74	64.6
CHESTER	2,667	769.0	959	276.5	6	1.7	16	4.6	298	85.9
CLARION	472	1129.2	189	452.2	0	-	2	4.8	69	165.1
CLEARFIELD	896	1095.3	374	457.2	3	3.7	3	3.7	119	145.5
CLINTON	370	976.3	160	422.2	0	-	10	26.4	51	134.6
COLUMBIA	608	1000.0	233	383.2	0	-	6	9.9	66	108.6
CRAWFORD	909	1053.3	329	381.2	4	4.6	8	9.3	137	158.8
CUMBERLAND	1,605	835.5	619	322.2	7	3.6	10	5.2	210	109.3
DAUPHIN	2,378	996.6	984	412.4	8	3.4	24	10.1	277	116.1
DELAWARE	5,797	1025.1	2,172	384.1	25	4.4	69	12.2	547	96.7
ELK	373	999.9	157	420.9	3	8.0	4	10.7	50	134.0
ERIE	2,571	922.5	942	338.0	8	2.9	20	7.2	311	111.6
FAYETTE	1,757	1147.7	728	475.5	3	2.0	13	8.5	304	198.6
FOREST	59	1255.3	22	468.1	0	-	0	-	4	85.1
FRANKLIN	1,021	854.4	366	306.3	8	6.7	7	5.9	118	98.7
FULTON	136	957.7	50	352.1	0	-	1	7.0	10	70.4
GREENE	425	1057.1	199	495.0	1	2.5	3	7.5	61	151.7
HUNTINGDON	439	1025.8	168	392.6	2	4.7	3	7.0	58	135.5
INDIANA	793	859.2	286	309.9	2	2.2	3	3.3	78	84.5
JEFFERSON	524	1091.5	223	464.5	2	4.2	1	2.1	48	100.0

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	213	1059.8	81	403.0	0	-	2	10.0	29	144.3
LACKAWANNA	2,770	1243.8	1,196	537.0	16	7.2	36	16.2	308	138.3
LANCASTER	3,468	859.1	1,318	326.5	10	2.5	29	7.2	440	109.0
LAWRENCE	1,148	1138.9	497	493.1	7	6.9	7	6.9	196	194.4
LEBANON	1,148	1015.1	524	463.3	4	3.5	16	14.1	156	137.9
LEHIGH	2,762	970.8	1,133	398.2	16	5.6	24	8.4	294	103.3
LUZERNE	4,488	1352.6	2,013	606.7	23	6.9	48	14.5	466	140.4
LYCOMING	1,182	1009.4	468	399.7	4	3.4	11	9.4	107	91.4
MCKEAN	573	1229.6	278	596.6	2	4.3	4	8.6	58	124.5
MERCER	1,310	1060.7	467	378.1	4	3.2	4	3.2	169	136.8
MIFFLIN	493	1060.1	208	447.3	2	4.3	0	-	53	114.0
MONROE	750	856.2	322	367.6	1	1.1	3	3.4	58	66.2
MONTGOMERY	6,181	909.0	2,285	336.0	21	3.1	56	8.2	682	100.3
MONTOUR	208	1245.4	96	574.8	1	6.0	1	6.0	22	131.7
NORTHAMPTON	2,243	938.1	918	383.9	5	2.1	18	7.5	265	110.8
NORTHUMBERLAND	1,283	1305.1	524	533.0	5	5.1	10	10.2	89	90.5
PERRY	324	810.0	116	290.0	2	5.0	0	-	29	72.5
PHILADELPHIA	20,687	1257.7	6,342	385.6	37	2.2	156	9.5	1,420	86.3
PIKE	262	1078.1	116	477.3	0	-	1	4.1	22	90.5
POTTER	162	1017.0	67	374.4	0	-	4	22.4	14	78.2
SCHUYLKILL	2,083	1343.0	833	537.1	6	3.9	7	4.5	325	209.5
SNYDER	308	862.7	121	338.9	0	-	3	8.4	30	84.0
SOMERSET	870	1076.7	364	450.5	3	3.7	17	21.0	122	151.0
SULLIVAN	87	1360.4	39	609.9	0	-	1	15.6	8	125.1
SUSQUEHANNA	435	1076.8	209	517.4	1	2.5	10	24.8	78	193.1
TIOGA	360	884.6	149	366.1	0	-	1	2.5	29	71.3
UNION	284	818.5	116	334.3	0	-	1	2.9	33	95.1
VENANGO	607	975.8	252	405.1	2	3.2	4	6.4	74	119.0
WARREN	464	1024.3	197	434.9	2	4.4	2	4.4	58	128.0
WASHINGTON	2,355	1118.2	940	446.4	2	0.9	6	2.8	334	158.6
WAYNE	421	1071.3	186	473.3	0	-	4	10.2	48	122.1
WESTMORELAND	3,853	1015.5	1,624	428.0	20	5.3	22	5.8	607	160.0
WYOMING	220	785.9	73	260.8	0	-	2	7.1	17	60.7
YORK	2,886	870.9	1,078	325.3	13	3.9	20	6.0	218	65.8

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*
PENNSYLVANIA RESIDENTS, 1987

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL — MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	15,985	133.9	15,873	133.0	28,767	241.0	422	3.5	7,280	61.0	7,771	65.1
ADAMS	103	142.7	112	155.1	147	203.6	1	1.4	33	45.7	39	54.0
ALLEGHENY	1,925	141.3	1,825	134.0	3,888	285.4	58	4.3	1,002	73.6	1,119	82.1
ARMSTRONG	102	128.9	83	104.9	202	255.4	3	3.8	48	60.7	43	54.4
BEAVER	288	150.8	226	118.3	482	252.4	6	3.1	104	54.4	129	67.5
BEDFORD	67	139.9	44	91.9	120	250.5	0	-	42	87.7	26	54.3
BERKS	365	112.5	386	119.0	774	238.7	9	2.8	192	59.2	198	61.1
BLAIR	263	199.4	143	108.4	350	265.4	5	3.8	81	61.4	104	78.8
BRADFORD	85	132.2	57	88.6	125	194.4	1	1.6	24	37.3	22	34.2
BUCKS	464	87.2	479	90.0	943	177.3	11	2.1	237	44.5	261	49.1
BUTLER	172	112.9	147	96.5	338	221.8	3	2.0	99	65.0	93	61.0
CAMBRIA	288	168.0	212	123.7	458	267.2	9	5.3	125	72.9	108	63.0
CAMERON	6	93.6	5	78.0	14	218.4	0	-	3	46.8	2	31.2
CARBON	82	148.6	89	161.2	150	271.8	4	7.2	34	61.6	35	63.4
CENTRE	132	115.2	96	83.8	160	139.6	2	1.7	35	30.5	39	34.0
CHESTER	283	81.6	356	102.7	658	189.7	10	2.9	150	43.3	161	46.4
CLARION	72	172.3	46	110.1	96	229.7	0	-	21	50.2	29	69.4
CLEARFIELD	143	174.8	106	129.6	193	235.9	1	1.2	53	64.8	45	55.0
CLINTON	53	139.8	46	121.4	80	211.1	2	5.3	20	52.8	17	44.9
COLUMBIA	83	136.5	78	128.3	128	210.5	1	1.6	36	59.2	25	41.1
CRAWFORD	103	119.4	77	89.2	184	213.2	4	4.6	48	55.6	45	52.1
CUMBERLAND	217	113.0	175	91.1	360	187.4	3	1.6	79	41.1	105	54.7
DAUPHIN	232	97.2	443	185.7	528	221.3	5	2.1	123	51.6	145	60.8
DELAWARE	682	120.6	849	150.1	1,378	243.7	24	4.2	338	59.8	400	70.7
ELK	69	185.0	31	83.1	87	233.2	3	8.0	32	85.8	22	59.0
ERIE	386	138.5	217	77.9	584	209.5	12	4.3	135	48.4	143	51.3
FAYETTE	196	128.0	212	138.5	393	256.7	6	3.9	100	65.3	112	73.2
FOREST	15	319.1	3	63.8	16	340.4	0	-	3	63.8	7	148.9
FRANKLIN	116	97.1	117	97.9	242	202.5	5	4.2	68	56.9	44	36.8
FULTON	26	183.1	13	91.5	28	197.2	1	7.0	5	35.2	3	21.1
GREENE	74	184.1	60	149.2	84	208.9	1	2.5	23	57.2	20	49.7
HUNTINGDON	60	140.2	45	105.1	122	285.1	2	4.7	28	65.4	40	93.5
INDIANA	110	119.2	93	100.8	171	185.3	2	2.2	44	47.7	52	56.3
JEFFERSON	104	216.6	68	141.6	102	212.5	1	2.1	24	50.0	25	52.1

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	26	129.4	24	119.4	42	209.0	0	-	13	64.7	6	29.9
LACKAWANNA	377	169.3	459	206.1	643	288.7	10	4.5	167	75.0	173	77.7
LANCASTER	373	92.4	466	115.4	780	193.2	13	3.2	186	46.1	196	48.6
LAWRENCE	185	183.5	102	101.2	265	262.9	6	6.0	61	60.5	83	82.3
LEBANON	135	119.4	213	188.3	239	211.3	3	2.7	53	46.9	54	47.7
LEHIGH	358	125.8	441	155.0	655	230.2	11	3.9	171	60.1	173	60.8
LUZERNE	660	198.9	816	245.9	909	274.0	13	3.9	260	78.4	204	61.5
LYCOMING	184	157.1	162	138.3	269	229.7	6	5.1	57	48.7	79	67.5
MCKEAN	79	169.5	135	289.7	111	238.2	0	-	24	51.5	32	68.7
MERCER	194	157.1	96	77.7	301	243.7	2	1.6	82	66.4	73	59.1
MIFFLIN	76	163.4	77	165.6	96	206.4	0	-	21	45.2	26	55.9
MONROE	76	86.8	184	210.1	172	196.4	2	2.3	38	43.4	50	57.1
MONTGOMERY	736	108.2	790	116.2	1,509	221.9	15	2.2	377	55.4	411	60.4
MONTOUR	41	245.5	31	185.6	42	251.5	0	-	9	53.9	8	47.9
NORTHAMPTON	228	95.4	402	168.1	527	220.4	6	2.5	122	51.0	155	64.8
NORTHUMBERLAND	236	240.1	184	187.2	268	272.6	2	2.0	69	70.2	61	62.0
PERRY	54	135.0	31	77.5	63	157.5	1	2.5	14	35.0	26	65.0
PHILADELPHIA	2,229	135.5	2,500	152.0	4,754	289.0	87	5.3	1,235	75.1	1,401	85.2
PIKE	45	185.2	48	197.5	55	226.3	1	4.1	13	53.5	16	65.8
POTTER	21	117.3	28	156.5	43	240.3	1	5.6	12	67.1	12	67.1
SCHUYLKILL	326	210.2	169	109.0	457	294.6	6	3.9	146	94.1	100	64.5
SNYDER	44	123.2	44	123.2	74	207.3	2	5.6	15	42.0	23	64.4
SOMERSET	138	170.8	84	104.0	182	225.2	1	1.2	48	59.4	38	47.0
SULLIVAN	11	172.0	19	297.1	18	281.5	0	-	2	31.3	2	31.3
SUSQUEHANNA	75	185.7	45	111.4	81	200.5	2	5.0	13	32.2	20	49.5
TIOGA	76	186.8	43	105.7	72	176.9	0	-	25	61.4	18	44.2
UNION	44	126.8	38	109.5	58	167.2	2	5.8	18	51.9	12	34.6
VENANGO	98	157.5	74	119.0	116	186.5	3	4.8	26	41.8	29	46.6
WARREN	77	170.0	58	128.0	95	209.7	2	4.4	26	57.4	30	66.2
WASHINGTON	365	173.3	233	110.6	548	260.2	7	3.3	155	73.6	147	69.8
WAYNE	49	124.7	85	216.3	85	216.3	1	2.5	19	48.3	30	76.3
WESTMORELAND	529	139.4	446	117.6	889	234.3	10	2.6	234	61.7	228	60.1
WYOMING	30	107.2	24	85.7	43	153.6	0	-	7	25.0	13	46.4
YORK	444	134.0	383	115.6	721	217.6	12	3.6	173	52.2	184	55.5

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	3,191	26.7	4,299	36.0	3,283	27.5	1,043	8.7	1,478	12.4
ADAMS	15	20.8	19	26.3	23	31.9	6	8.3	11	15.2
ALLEGHENY	404	29.7	528	38.8	440	32.3	138	10.1	199	14.6
ARMSTRONG	31	39.2	37	46.8	20	25.3	11	13.9	9	11.4
BEAVER	57	29.8	83	43.5	62	32.5	16	8.4	25	13.1
BEDFORD	11	23.0	14	29.2	16	33.4	4	8.4	7	14.6
BERKS	82	25.3	124	38.2	102	31.5	26	8.0	41	12.6
BLAIR	42	31.8	51	38.7	31	23.5	16	12.1	20	15.2
BRADFORD	14	21.8	34	52.9	16	24.9	3	4.7	11	17.1
BUCKS	119	22.4	137	25.8	99	18.6	30	5.6	49	9.2
BUTLER	33	21.7	38	24.9	32	21.0	14	9.2	26	17.1
CAMBRIA	46	26.8	82	47.8	46	26.8	18	10.5	24	14.0
CAMERON	2	31.2	2	31.2	2	31.2	2	31.2	1	15.6
CARBON	18	32.6	25	45.3	19	34.4	5	9.1	10	18.1
CENTRE	21	18.3	35	30.5	16	14.0	5	4.4	7	6.1
CHESTER	88	25.4	110	31.7	73	21.0	26	7.5	40	11.5
CLARION	7	16.7	19	45.5	13	31.1	3	7.2	4	9.6
CLEARFIELD	17	20.8	35	42.8	24	29.3	9	11.0	9	11.0
CLINTON	10	26.4	10	26.4	15	39.6	2	5.3	4	10.6
COLUMBIA	17	28.0	17	28.0	18	29.6	7	11.5	7	11.5
CRAWFORD	26	30.1	25	29.0	23	26.7	8	9.3	5	5.8
CUMBERLAND	50	26.0	38	19.8	45	23.4	13	6.8	27	14.1
DAUPHIN	61	25.6	90	37.7	63	26.4	17	7.1	24	10.1
DELAWARE	166	29.4	182	32.2	167	29.5	31	5.5	70	12.4
ELK	8	21.4	12	32.2	4	10.7	3	8.0	3	8.0
ERIE	63	22.6	102	36.6	72	25.8	20	7.2	37	13.3
FAYETTE	40	26.1	63	41.2	45	29.4	13	8.5	14	9.1
FOREST	2	42.6	2	42.6	1	21.3	0	-	1	21.3
FRANKLIN	36	30.1	38	31.8	28	23.4	10	8.4	13	10.9
FULTON	3	21.1	7	49.3	5	35.2	3	21.1	1	7.0
GREENE	13	32.3	11	27.4	8	19.9	5	12.4	3	7.5
HUNTINGDON	17	39.7	9	21.0	16	37.4	6	14.0	4	9.3
INDIANA	16	17.3	29	31.4	14	15.2	6	6.5	8	8.7
JEFFERSON	16	33.3	15	31.2	13	27.1	5	10.4	3	6.2

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	MALIGNANT NEOPLASMS									
	BONE, TISSUE, SKIN AND BREAST		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	5	24.9	8	39.8	5	24.9	2	10.0	3	14.9
LACKAWANNA	67	30.1	102	45.8	72	32.3	23	10.3	29	13.0
LANCASTER	97	24.0	112	27.7	90	22.3	45	11.1	41	10.2
LAWRENCE	27	26.8	44	43.7	20	19.8	8	7.9	16	15.9
LEBANON	29	25.6	54	47.7	26	23.0	7	6.2	13	11.5
LEHIGH	75	26.4	95	33.4	80	28.1	15	5.3	35	12.3
LUZERNE	91	27.4	152	45.8	105	31.6	37	11.2	47	14.2
LYCOMING	23	19.6	47	40.1	34	29.0	12	10.2	11	9.4
MCKEAN	11	23.6	22	47.2	11	23.6	6	12.9	5	10.7
MERCER	39	31.6	34	27.5	33	26.7	18	14.6	20	16.2
MIFFLIN	12	25.8	13	28.0	13	28.0	3	6.5	8	17.2
MONROE	16	18.3	23	26.3	26	29.7	5	5.7	12	13.7
MONTGOMERY	197	29.0	203	29.9	168	24.7	66	9.7	72	10.6
MONTOUR	9	53.9	9	53.9	6	35.9	0	-	1	6.0
NORTHAMPTON	47	19.7	84	35.1	65	27.2	24	10.0	24	10.0
NORTHUMBERLAND	33	33.6	44	44.8	37	37.6	12	12.2	10	10.2
PERRY	7	17.5	7	17.5	3	7.5	3	7.5	2	5.0
PHILADELPHIA	497	30.2	673	40.9	532	32.3	134	8.1	195	11.9
PIKE	1	4.1	8	32.9	11	45.3	4	16.5	1	4.1
POTTER	6	33.5	4	22.4	2	11.2	4	22.4	2	11.2
SCHUYLKILL	40	25.8	67	43.2	54	34.8	18	11.6	26	16.8
SNYDER	7	19.6	13	36.4	8	22.4	2	5.6	4	11.2
SOMERSET	20	24.8	32	39.6	19	23.5	7	8.7	17	21.0
SULLIVAN	3	46.9	4	62.5	4	62.5	1	15.6	2	31.3
SUSQUEHANNA	11	27.2	13	32.2	14	34.7	4	9.9	4	9.9
TIOGA	3	7.4	11	27.0	6	14.7	4	9.8	5	12.3
UNION	4	11.5	7	20.2	8	23.1	1	2.9	6	17.3
VENANGO	15	24.1	19	30.5	11	17.7	6	9.6	7	11.3
WARREN	10	22.1	16	35.3	6	13.2	3	6.6	2	4.4
WASHINGTON	56	26.6	89	42.3	53	25.2	22	10.4	19	9.0
WAYNE	9	22.9	15	38.2	6	15.3	1	2.5	4	10.2
WESTMORELAND	90	23.7	127	33.5	110	29.0	33	8.7	57	15.0
WYOMING	2	7.1	6	21.4	7	25.0	1	3.6	7	25.0
YORK	81	24.4	119	35.9	67	20.2	31	9.4	54	16.3

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	CEREBROVASCULAR DISEASE		ACCIDENTS: OTHER		ACCIDENTS: MOTOR VEHICLE		CHRONIC OBSTRUCTIVE PULMONARY DIS		PNEUMONIA & INFLUENZA		DIABETES MELLITUS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	8,019	67.2	2,417	20.2	2,047	17.1	4,220	35.4	3,669	30.7	2,504	21.0
ADAMS	40	55.4	13	18.0	24	33.2	23	31.9	25	34.6	19	26.3
ALLEGHENY	1,028	75.5	266	19.5	122	9.0	558	41.0	430	31.6	345	25.3
ARMSTRONG	31	39.2	19	24.0	14	17.7	23	29.1	25	31.6	19	24.0
BEAVER	103	53.9	32	16.8	26	13.6	64	33.5	84	44.0	46	24.1
BEDFORD	45	93.9	10	20.9	10	20.9	23	48.0	13	27.1	12	25.1
BERKS	233	71.8	50	15.4	73	22.5	117	36.1	138	42.6	71	21.9
BLAIR	95	72.0	40	30.3	19	14.4	54	40.9	44	33.4	33	25.0
BRADFORD	33	51.3	15	23.3	26	40.4	20	31.1	17	26.4	13	20.2
BUCKS	283	53.2	80	15.0	92	17.3	133	25.0	127	23.9	65	12.2
BUTLER	96	63.0	22	14.4	37	24.3	50	32.8	46	30.2	36	23.6
CAMBRIA	123	71.8	27	15.8	31	18.1	76	44.3	55	32.1	44	25.7
CAMERON	9	140.4	0	-	0	-	3	46.8	2	31.2	1	15.6
CARBON	46	83.3	8	14.5	19	34.4	32	58.0	11	19.9	11	19.9
CENTRE	45	39.3	21	18.3	23	20.1	30	26.2	33	28.8	16	14.0
CHESTER	172	49.6	57	16.4	83	23.9	94	27.1	97	28.0	46	13.3
CLARION	50	119.6	5	12.0	7	16.7	25	59.8	9	21.5	14	33.5
CLEARFIELD	53	64.8	19	23.2	26	31.8	35	42.8	28	34.2	26	31.8
CLINTON	24	63.3	7	18.5	10	26.4	26	68.6	5	13.2	6	15.8
COLUMBIA	52	85.5	10	16.4	11	18.1	26	42.8	23	37.8	16	26.3
CRAWFORD	58	67.2	24	27.8	24	27.8	38	44.0	38	44.0	14	16.2
CUMBERLAND	113	58.8	21	10.9	36	18.7	69	35.9	52	27.1	25	13.0
DAUPHIN	161	67.5	41	17.2	46	19.3	67	28.1	78	32.7	46	19.3
DELAWARE	378	66.8	91	16.1	64	11.3	215	38.0	179	31.7	108	19.1
ELK	22	59.0	7	18.8	6	16.1	17	45.6	9	24.1	8	21.4
ERIE	228	81.8	43	15.4	45	16.1	99	35.5	75	26.9	73	26.2
FAYETTE	128	83.6	28	18.3	48	31.4	45	29.4	51	33.3	32	20.9
FOREST	3	63.8	0	-	4	85.1	3	63.8	1	21.3	1	21.3
FRANKLIN	77	64.4	32	26.8	24	20.1	44	36.8	27	22.6	31	25.9
FULTON	11	77.5	6	42.3	3	21.1	5	35.2	3	21.1	4	28.2
GREENE	26	64.7	3	7.5	9	22.4	13	32.3	22	54.7	3	7.5
HUNTINGDON	27	63.1	8	18.7	18	42.1	17	39.7	8	18.7	11	25.7
INDIANA	64	69.3	12	13.0	29	31.4	22	23.8	20	21.7	16	17.3
JEFFERSON	34	70.8	15	31.2	4	8.3	29	60.4	26	54.2	6	12.5

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	CEREBROVASCU-LAR DISEASE		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		CHRONIC OBSTRUCTIVE PULMONARY DIS		PNEUMONIA & INFLUENZA		DIABETES MELLITUS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	24	119.4	1	5.0	3	14.9	5	24.9	5	24.9	5	24.9
LACKAWANNA	162	72.7	49	22.0	29	13.0	93	41.8	57	25.6	56	25.1
LANCASTER	238	59.0	70	17.3	80	19.8	137	33.9	131	32.4	64	15.9
LAWRENCE	66	65.5	17	16.9	13	12.9	31	30.8	40	39.7	28	27.8
LEBANON	57	50.4	16	14.1	18	15.9	50	44.2	29	25.6	35	30.9
LEHIGH	147	51.7	60	21.1	46	16.2	95	33.4	85	29.9	46	16.2
LUZERNE	257	77.5	66	19.9	56	16.9	119	35.9	91	27.4	99	29.8
LYCOMING	88	75.1	19	16.2	24	20.5	41	35.0	43	36.7	24	20.5
MCKEAN	20	42.9	5	10.7	11	23.6	25	53.6	11	23.6	17	36.5
MERCER	94	76.1	26	21.1	28	22.7	50	40.5	66	53.4	21	17.0
MIFFLIN	35	75.3	3	6.5	8	17.2	14	30.1	12	25.8	11	23.7
MONROE	30	34.2	18	20.5	28	32.0	21	24.0	12	13.7	13	14.8
MONTGOMERY	434	63.8	124	18.2	96	14.1	223	32.8	214	31.5	99	14.6
MONTOUR	13	77.8	2	12.0	1	6.0	5	29.9	9	53.9	6	35.9
NORTHAMPTON	125	52.3	38	15.9	42	17.6	89	37.2	57	23.8	56	23.4
NORTHUMBERLAND	85	86.5	29	29.5	24	24.4	34	34.6	40	40.7	34	34.6
PERRY	27	67.5	8	20.0	12	30.0	6	15.0	8	20.0	6	15.0
PHILADELPHIA	1,201	73.0	541	32.9	174	10.6	527	32.0	537	32.6	340	20.7
PIKE	13	53.5	5	20.6	7	28.8	14	57.6	4	16.5	1	4.1
POTTER	17	95.0	2	11.2	6	33.5	7	39.1	4	22.4	8	44.7
SCHUYLKILL	132	85.1	22	14.2	38	24.5	65	41.9	43	27.7	43	27.7
SNYDER	14	39.2	7	19.6	15	42.0	13	36.4	5	14.0	9	25.2
SOMERSET	71	87.9	21	26.0	16	19.8	28	34.7	20	24.8	16	19.8
SULLIVAN	4	62.5	1	15.6	2	31.3	6	93.8	2	31.3	2	31.3
SUSQUEHANNA	30	74.3	11	27.2	16	39.6	14	34.7	14	34.7	10	24.8
TIOGA	26	63.9	5	12.3	15	36.9	14	34.4	9	22.1	17	41.8
UNION	15	43.2	5	14.4	7	20.2	13	37.5	8	23.1	5	14.4
VENANGO	36	57.9	11	17.7	8	12.9	34	54.7	23	37.0	14	22.5
WARREN	39	86.1	6	13.2	13	28.7	15	33.1	15	33.1	10	22
WASHINGTON	141	67.0	34	16.1	37	17.6	90	42.7	95	45.1	63	29.9
WAYNE	34	86.5	16	40.7	11	28.0	11	28.0	10	25.4	7	17.8
WESTMORELAND	258	68.0	72	19.0	82	21.6	125	32.9	85	22.4	75	19.8
WYOMING	14	50.0	4	14.3	12	42.9	11	39.3	4	14.3	6	21.4
YORK	181	54.6	71	21.4	56	16.9	100	30.2	80	24.1	41	12.4

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	SEPTICEMIA		NEPHRITIS AND NEPHROSIS		SUICIDE		LIVER DISEASE AND CIRRHOSIS		ATHERO-SCLEROSIS		AORTIC ANEURYSM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	1,786	15.0	1,636	13.7	1,489	12.5	1,276	10.7	1,071	9.0	946	7.9
ADAMS	3	4.2	10	13.8	9	12.5	5	6.9	15	20.8	7	9.7
ALLEGHENY	184	13.5	252	18.5	163	12.0	194	14.2	98	7.2	148	10.9
ARMSTRONG	9	11.4	5	6.3	11	13.9	5	6.3	12	15.2	5	6.3
BEAVER	24	12.6	25	13.1	20	10.5	21	11.0	7	3.7	13	6.8
BEDFORD	5	10.4	5	10.4	4	8.4	2	4.2	7	14.6	6	12.5
BERKS	40	12.3	31	9.6	51	15.7	32	9.9	55	17.0	25	7.7
BLAIR	10	7.6	19	14.4	28	21.2	13	9.9	11	8.3	17	12.9
BRADFORD	8	12.4	4	6.2	9	14.0	12	18.7	12	18.7	2	3.1
BUCKS	38	7.1	56	10.5	61	11.5	33	6.2	47	8.8	25	4.7
BUTLER	14	9.2	21	13.8	15	9.8	9	5.9	25	16.4	8	5.2
CAMBRIA	12	7.0	28	16.3	29	16.9	21	12.3	23	13.4	14	8.2
CAMERON	1	15.6	0	-	0	-	2	31.2	1	15.6	0	-
CARBON	4	7.2	10	18.1	13	23.6	5	9.1	1	1.8	3	5.4
CENTRE	6	5.2	4	3.5	13	11.3	6	5.2	7	6.1	7	6.1
CHESTER	32	9.2	32	9.2	30	8.7	29	8.4	14	4.0	18	5.2
CLARION	9	21.5	7	16.7	3	7.2	2	4.8	4	9.6	2	4.8
CLEARFIELD	6	7.3	6	7.3	17	20.8	7	8.6	5	6.1	11	13.4
CLINTON	1	2.6	5	13.2	2	5.3	3	7.9	3	7.9	4	10.6
COLUMBIA	6	9.9	9	14.8	5	8.2	4	6.6	4	6.6	10	16.4
CRAWFORD	10	11.6	10	11.6	18	20.9	7	8.1	25	29.0	3	3.5
CUMBERLAND	27	14.1	15	7.8	17	8.8	17	8.8	29	15.1	13	6.8
DAUPHIN	42	17.6	39	16.3	22	9.2	16	6.7	22	9.2	11	4.6
DELAWARE	103	18.2	65	11.5	84	14.9	69	12.2	47	8.3	41	7.3
ELK	6	16.1	4	10.7	2	5.4	5	13.4	4	10.7	2	5.4
ERIE	24	8.6	20	7.2	43	15.4	28	10.0	16	5.7	17	6.1
FAYETTE	19	12.4	25	16.3	18	11.8	23	15.0	21	13.7	12	7.8
FOREST	0	-	0	-	1	21.3	1	21.3	1	21.3	1	21.3
FRANKLIN	5	4.2	12	10.0	7	5.9	11	9.2	14	11.7	7	5.9
FULTON	0	-	1	7.0	0	-	2	14.1	12	84.5	0	-
GREENE	1	2.5	4	9.9	3	7.5	2	5.0	3	7.5	4	9.9
HUNTINGDON	5	11.7	4	9.3	3	7.0	3	7.0	4	9.3	3	7.0
INDIANA	9	9.8	12	13.0	13	14.1	8	8.7	30	32.5	5	5.4
JEFFERSON	5	10.4	7	14.6	7	14.6	2	4.2	4	8.3	6	12.5

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	SEPTICEMIA		NEPHRITIS AND NEPHROSIS		SUICIDE		LIVER DISEASE AND CIRRHOSIS		ATHERO-SCLEROSIS		AORTIC ANEURYSM	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	3	14.9	0	-	4	19.9	1	5.0	1	5.0	2	10.0
LACKAWANNA	31	13.9	30	13.5	19	8.5	47	21.1	19	8.5	20	9.0
LANCASTER	32	7.9	49	12.1	32	7.9	30	7.4	55	13.6	29	7.2
LAWRENCE	7	6.9	23	22.8	11	10.9	12	11.9	1	1.0	8	7.9
LEBANON	13	11.5	14	12.4	12	10.6	13	11.5	3	2.7	5	4.4
LEHIGH	36	12.7	32	11.2	35	12.3	16	5.6	30	10.5	13	4.6
LUZERNE	53	16.0	62	18.7	49	14.8	38	11.5	34	10.2	28	8.4
LYCOMING	7	6.0	17	14.5	18	15.4	8	6.8	8	6.8	9	7.7
MCKEAN	11	23.6	8	17.2	5	10.7	4	8.6	4	8.6	6	12.9
MERCER	18	14.6	19	15.4	16	13.0	13	10.5	17	13.8	10	8.1
MIFFLIN	9	19.4	9	19.4	8	17.2	0	-	3	6.5	3	6.5
MONROE	9	10.3	11	12.6	11	12.6	15	17.1	1	1.1	8	9.1
MONTGOMERY	83	12.2	52	7.6	86	12.6	63	9.3	41	6.0	57	8.4
MONTOUR	6	35.9	1	6.0	1	6.0	1	6.0	1	6.0	2	12.0
NORTHAMPTON	26	10.9	29	12.1	33	13.8	19	7.9	12	5.0	15	6.3
NORTHUMBERLAND	13	13.2	23	23.4	11	11.2	8	8.1	11	11.2	9	9.2
PERRY	8	20.0	5	12.5	4	10.0	2	5.0	4	10.0	4	10.0
PHILADELPHIA	603	36.7	328	19.9	209	12.7	245	14.9	97	5.9	121	7.4
PIKE	3	12.3	3	12.3	3	12.3	1	4.1	0	-	2	8.2
POTTER	2	11.2	0	-	1	5.6	0	-	1	5.6	0	-
SCHUYLKILL	21	13.5	29	18.7	27	17.4	25	16.1	6	3.9	19	12.3
SNYDER	4	11.2	4	11.2	2	5.6	2	5.6	3	8.4	1	2.8
SOMERSET	6	7.4	7	8.7	14	17.3	7	8.7	9	11.1	12	14.9
SULLIVAN	0	-	0	-	1	15.6	1	15.6	0	-	0	-
SUSQUEHANNA	4	9.9	3	7.4	5	12.4	4	9.9	4	9.9	5	12.4
TIOGA	1	2.5	3	7.4	5	12.3	1	2.5	2	4.9	2	4.9
UNION	1	2.9	1	2.9	7	20.2	0	-	5	14.4	4	11.5
VENANGO	10	16.1	7	11.3	9	14.5	6	9.6	8	12.9	3	4.8
WARREN	7	15.5	4	8.8	8	17.7	2	4.4	2	4.4	6	13.2
WASHINGTON	27	12.8	33	15.7	21	10.0	28	13.3	18	8.5	20	9.5
WAYNE	5	12.7	5	12.7	1	2.5	4	10.2	7	17.8	4	10.2
WESTMORELAND	34	9.0	43	11.3	56	14.8	37	9.8	31	8.2	28	7.4
WYOMING	1	3.6	1	3.6	2	7.1	2	7.1	17	60.7	4	14.3
YORK	24	7.2	34	10.3	42	12.7	22	6.6	33	10.0	37	11.2

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

	PERINATAL CONDITIONS		HOMICIDE AND LEGAL INTERV		CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS	
COUNTY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	857	7.2	644	5.4	577	4.8	504	4.2	444	3.7	407	3.4
ADAMS	6	8.3	4	5.5	3	4.2	0	-	4	5.5	1	1.4
ALLEGHENY	119	8.7	59	4.3	65	4.8	6	0.4	34	2.5	55	4.0
ARMSTRONG	5	6.3	0	-	4	5.1	1	1.3	3	3.8	1	1.3
BEAVER	10	5.2	5	2.6	9	4.7	1	0.5	6	3.1	6	3.1
BEDFORD	0	-	0	-	3	6.3	3	6.3	0	-	1	2.1
BERKS	22	6.8	15	4.6	14	4.3	6	1.9	11	3.4	11	3.4
BLAIR	10	7.6	1	0.8	5	3.8	0	-	7	5.3	5	3.8
BRADFORD	2	3.1	1	1.6	1	1.6	0	-	0	-	2	3.1
BUCKS	22	4.1	15	2.8	26	4.9	0	-	19	3.6	22	4.1
BUTLER	14	9.2	7	4.6	8	5.2	2	1.3	6	3.9	3	2.0
CAMBRIA	6	3.5	1	0.6	9	5.3	26	15.2	14	8.2	5	2.9
CAMERON	0	-	0	-	0	-	0	-	0	-	1	15.6
CARBON	1	1.8	3	5.4	1	1.8	13	23.6	1	1.8	3	5.4
CENTRE	8	7.0	2	1.7	4	3.5	0	-	0	-	0	-
CHESTER	17	4.9	12	3.5	13	3.7	0	-	6	1.7	15	4.3
CLARION	2	4.8	0	-	1	2.4	1	2.4	1	2.4	1	2.4
CLEARFIELD	4	4.9	4	4.9	2	2.4	2	2.4	1	1.2	0	-
CLINTON	0	-	0	-	2	5.3	0	-	0	-	2	5.3
COLUMBIA	1	1.6	4	6.6	3	4.9	3	4.9	2	3.3	1	1.6
CRAWFORD	6	7.0	0	-	1	1.2	0	-	3	3.5	3	3.5
CUMBERLAND	12	6.2	6	3.1	11	5.7	1	0.5	7	3.6	5	2.6
DAUPHIN	29	12.2	8	3.4	15	6.3	1	0.4	9	3.8	11	4.6
DELAWARE	34	6.0	30	5.3	26	4.6	6	1.1	28	5.0	20	3.5
ELK	0	-	2	5.4	2	5.4	0	-	2	5.4	3	8.0
ERIE	23	8.3	9	3.2	10	3.6	3	1.1	12	4.3	11	3.9
FAYETTE	8	5.2	7	4.6	8	5.2	15	9.8	5	3.3	1	0.7
FOREST	0	-	0	-	0	-	0	-	0	-	1	21.3
FRANKLIN	3	2.5	0	-	6	5.0	0	-	11	9.2	1	0.8
FULTON	1	7.0	0	-	1	7.0	0	-	0	-	0	-
GREENE	1	2.5	1	2.5	1	2.5	3	7.5	1	2.5	1	2.5
HUNTINGDON	2	4.7	1	2.3	4	9.3	1	2.3	1	2.3	0	-
INDIANA	4	4.3	9	9.8	5	5.4	3	3.3	2	2.2	0	-
JEFFERSON	2	4.2	1	2.1	1	2.1	2	4.2	2	4.2	2	4.2

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	PERINATAL CONDITIONS		HOMICIDE AND LEGAL INTERV		CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	2	10.0	1	5.0	1	5.0	1	5.0	1	5.0	3	14.9
LACKAWANNA	11	4.9	1	0.4	15	6.7	44	19.8	10	4.5	14	6.3
LANCASTER	25	6.2	13	3.2	26	6.4	5	1.2	19	4.7	7	1.7
LAWRENCE	3	3.0	4	4.0	3	3.0	0	-	3	3.0	4	4.0
LEBANON	3	2.7	2	1.8	9	8.0	1	0.9	4	3.5	3	2.7
LEHIGH	16	5.6	10	3.5	10	3.5	1	0.4	18	6.3	9	3.2
LUZERNE	19	5.7	7	2.1	12	3.6	189	57.0	24	7.2	12	3.6
LYCOMING	6	5.1	0	-	10	8.5	0	-	5	4.3	5	4.3
MCKEAN	2	4.3	1	2.1	0	-	1	2.1	1	2.1	0	-
MERCER	5	4.0	5	4.0	5	4.0	1	0.8	4	3.2	3	2.4
MIFFLIN	1	2.2	3	6.5	5	10.8	0	-	3	6.5	2	4.3
MONROE	1	1.1	1	1.1	1	1.1	0	-	2	2.3	4	4.6
MONTGOMERY	34	5.0	11	1.6	28	4.1	3	0.4	13	1.9	26	3.8
MONTOUR	0	-	1	6.0	0	-	0	-	0	-	0	-
NORTHAMPTON	14	5.9	9	3.8	13	5.4	1	0.4	11	4.6	5	2.1
NORTHUMBERLAND	5	5.1	2	2.0	3	3.1	32	32.6	6	6.1	3	3.1
PERRY	1	2.5	3	7.5	1	2.5	0	-	0	-	1	2.5
PHILADELPHIA	259	15.7	330	20.1	113	6.9	4	0.2	76	4.6	49	3.0
PIKE	1	4.1	0	-	1	4.1	0	-	3	12.3	1	4.1
POTTER	1	5.6	0	-	1	5.6	0	-	0	-	1	5.6
SCHUYLKILL	7	4.5	7	4.5	6	3.9	95	61.3	5	3.2	5	3.2
SNYDER	2	5.6	0	-	2	5.6	0	-	0	-	2	5.6
SOMERSET	5	6.2	1	1.2	3	3.7	9	11.1	1	1.2	3	3.7
SULLIVAN	0	-	0	-	1	15.6	0	-	0	-	0	-
SUSQUEHANNA	2	5.0	0	-	0	-	2	5.0	4	9.9	1	2.5
TIOGA	1	2.5	3	7.4	1	2.5	0	-	0	-	1	2.5
UNION	1	2.9	2	5.8	3	8.6	0	-	1	2.9	1	2.9
VENANGO	3	4.8	0	-	7	11.3	1	1.6	1	1.6	2	3.2
WARREN	4	8.8	0	-	1	2.2	0	-	1	2.2	1	2.2
WASHINGTON	8	3.8	4	1.9	7	3.3	10	4.7	6	2.8	7	3.3
WAYNE	2	5.1	1	2.5	0	-	0	-	1	2.5	1	2.5
WESTMORELAND	10	2.6	7	1.8	15	4.0	4	1.1	13	3.4	17	4.5
WYOMING	3	10.7	0	-	0	-	1	3.6	0	-	1	3.6
YORK	26	7.8	8	2.4	10	3.0	0	-	10	3.0	19	5.7

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	PARKINSON'S DISEASE		HIV INFECTION		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		ANEMIAS		NUTRITIONAL DEFICIENCIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	388	3.3	365	3.1	303	2.5	300	2.5	248	2.1	173	1.4
ADAMS	2	2.8	0	-	0	-	1	1.4	2	2.8	0	-
ALLEGHENY	61	4.5	39	2.9	45	3.3	38	2.8	36	2.6	18	1.3
ARMSTRONG	1	1.3	0	-	2	2.5	0	-	0	-	1	1.3
BEAVER	7	3.7	2	1.0	2	1.0	6	3.1	3	1.6	3	1.6
BEDFORD	1	2.1	1	2.1	1	2.1	2	4.2	0	-	0	-
BERKS	9	2.8	5	1.5	12	3.7	7	2.2	3	0.9	8	2.5
BLAIR	4	3.0	4	3.0	3	2.3	7	5.3	1	0.8	3	2.3
BRADFORD	3	4.7	2	3.1	1	1.6	2	3.1	0	-	0	-
BUCKS	25	4.7	13	2.4	9	1.7	14	2.6	13	2.4	6	1.1
BUTLER	3	2.0	1	0.7	4	2.6	3	2.0	3	2.0	1	0.7
CAMBRIA	5	2.9	3	1.8	4	2.3	1	0.6	4	2.3	3	1.8
CAMERON	1	15.6	0	-	0	-	0	-	1	15.6	0	-
CARBON	0	-	0	-	1	1.8	1	1.8	3	5.4	3	5.4
CENTRE	2	1.7	3	2.6	1	0.9	1	0.9	0	-	0	-
CHESTER	5	1.4	8	2.3	9	2.6	4	1.2	8	2.3	2	0.6
CLARION	1	2.4	0	-	2	4.8	1	2.4	2	4.8	1	2.4
CLEARFIELD	2	2.4	1	1.2	2	2.4	1	1.2	1	1.2	0	-
CLINTON	0	-	2	5.3	1	2.6	0	-	0	-	1	2.6
COLUMBIA	4	6.6	0	-	2	3.3	1	1.6	2	3.3	0	-
CRAWFORD	3	3.5	0	-	3	3.5	2	2.3	3	3.5	1	1.2
CUMBERLAND	6	3.1	2	1.0	1	0.5	4	2.1	6	3.1	0	-
DAUPHIN	4	1.7	6	2.5	5	2.1	2	0.8	9	3.8	1	0.4
DELAWARE	20	3.5	24	4.2	12	2.1	12	2.1	8	1.4	12	2.1
ELK	2	5.4	0	-	1	2.7	0	-	0	-	0	-
ERIE	10	3.6	2	0.7	9	3.2	6	2.2	5	1.8	6	2.2
FAYETTE	2	1.3	1	0.7	2	1.3	2	1.3	1	0.7	4	2.6
FOREST	0	-	0	-	0	-	1	21.3	0	-	0	-
FRANKLIN	5	4.2	1	0.8	2	1.7	0	-	2	1.7	1	0.8
FULTON	0	-	0	-	0	-	1	7.0	0	-	0	-
GREENE	1	2.5	0	-	2	5.0	1	2.5	1	2.5	0	-
HUNTINGDON	3	7.0	0	-	1	2.3	1	2.3	2	4.7	0	-
INDIANA	0	-	0	-	2	2.2	2	2.2	2	2.2	3	3.3
JEFFERSON	1	2.1	0	-	0	-	4	8.3	1	2.1	0	-

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	PARKINSON'S DISEASE		HIV INFECTION		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		ANEMIAS		NUTRITIONAL DEFICIENCIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	2	10.0	0	-	1	5.0	0	-	0	-	0	-
LACKAWANNA	5	2.2	0	-	11	4.9	7	3.1	8	3.6	3	1.3
LANCASTER	23	5.7	7	1.7	8	2.0	8	2.0	9	2.2	1	0.2
LAWRENCE	5	5.0	2	2.0	1	1.0	2	2.0	2	2.0	6	6.0
LEBANON	3	2.7	3	2.7	4	3.5	5	4.4	2	1.8	0	-
LEHIGH	6	2.1	6	2.1	6	2.1	15	5.3	3	1.1	2	0.7
LUZERNE	10	3.0	5	1.5	6	1.8	13	3.9	8	2.4	2	0.6
LYCOMING	7	6.0	0	-	5	4.3	1	0.9	5	4.3	4	3.4
MCKEAN	5	10.7	0	-	2	4.3	2	4.3	0	-	0	-
MERCER	5	4.0	1	0.8	5	4.0	9	7.3	5	4.0	0	-
MIFFLIN	0	-	0	-	1	2.2	0	-	2	4.3	1	2.2
MONROE	4	4.6	0	-	1	1.1	0	-	0	-	0	-
MONTGOMERY	21	3.1	10	1.5	18	2.6	15	2.2	5	0.7	8	1.2
MONTOUR	0	-	0	-	0	-	1	6.0	0	-	0	-
NORTHAMPTON	9	3.8	4	1.7	7	2.9	6	2.5	7	2.9	2	0.8
NORTHUMBERLAND	2	2.0	0	-	4	4.1	5	5.1	5	5.1	2	2.0
PERRY	5	12.5	0	-	0	-	2	5.0	0	-	0	-
PHILADELPHIA	47	2.9	190	11.6	48	2.9	40	2.4	39	2.4	41	2.5
PIKE	0	-	0	-	0	-	0	-	1	4.1	0	-
POTTER	1	5.6	0	-	0	-	0	-	0	-	0	-
SCHUYLKILL	4	2.6	0	-	7	4.5	6	3.9	4	2.6	6	3.9
SNYDER	1	2.8	0	-	2	5.6	3	8.4	1	2.8	0	-
SOMERSET	1	1.2	0	-	2	2.5	4	5.0	2	2.5	1	1.2
SULLIVAN	1	15.6	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	2	5.0	0	-	0	-	1	2.5	0	-	1	2.5
TIOGA	1	2.5	0	-	0	-	1	2.5	0	-	1	2.5
UNION	1	2.9	0	-	0	-	0	-	1	2.9	0	-
VENANGO	1	1.6	0	-	1	1.6	0	-	2	3.2	0	-
WARREN	2	4.4	0	-	2	4.4	2	4.4	0	-	0	-
WASHINGTON	5	2.4	5	2.4	3	1.4	6	2.8	1	0.5	3	1.4
WAYNE	1	2.5	0	-	0	-	0	-	0	-	0	-
WESTMORELAND	8	2.1	5	1.3	10	2.6	13	3.4	5	1.3	4	1.1
WYOMING	0	-	1	3.6	0	-	0	-	0	-	0	-
YORK	7	2.1	6	1.8	7	2.1	5	1.5	9	2.7	7	2.1

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	GALL BLADDER DISORDERS		DISEASES OF PANCREAS		ALCOHOLISM		EPILEPSY		VENOUS EMBOLISM & THROMBOSIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	163	1.4	142	1.2	128	1.1	98	0.8	98	0.8
ADAMS	2	2.8	0	-	0	-	1	1.4	2	2.8
ALLEGHENY	20	1.5	19	1.4	14	1.0	22	1.6	15	1.1
ARMSTRONG	3	3.8	2	2.5	1	1.3	0	-	0	-
BEAVER	4	2.1	1	0.5	3	1.6	5	2.6	3	1.6
BEDFORD	1	2.1	1	2.1	0	-	0	-	2	4.2
BERKS	4	1.2	10	3.1	4	1.2	2	0.6	1	0.3
BLAIR	3	2.3	2	1.5	2	1.5	0	-	1	0.8
BRADFORD	0	-	1	1.6	0	-	1	1.6	0	-
BUCKS	3	0.6	5	0.9	2	0.4	0	-	0	-
BUTLER	2	1.3	1	0.7	0	-	0	-	1	0.7
CAMBRIA	4	2.3	3	1.8	3	1.8	0	-	1	0.6
CAMERON	0	-	0	-	0	-	0	-	0	-
CARBON	0	-	3	5.4	0	-	0	-	1	1.8
CENTRE	0	-	0	-	0	-	0	-	0	-
CHESTER	3	0.9	6	1.7	0	-	0	-	1	0.3
CLARION	0	-	1	2.4	0	-	1	2.4	0	-
CLEARFIELD	1	1.2	0	-	0	-	0	-	0	-
CLINTON	1	2.6	0	-	0	-	0	-	3	7.9
COLUMBIA	0	-	1	1.6	0	-	1	1.6	0	-
CRAWFORD	1	1.2	2	2.3	0	-	0	-	0	-
CUMBERLAND	2	1.0	1	0.5	1	0.5	3	1.6	2	1.0
DAUPHIN	2	0.8	5	2.1	0	-	0	-	2	0.8
DELAWARE	5	0.9	5	0.9	9	1.6	4	0.7	2	0.4
ELK	1	2.7	0	-	0	-	0	-	0	-
ERIE	1	0.4	0	-	2	0.7	0	-	3	1.1
FAYETTE	2	1.3	3	2.0	0	-	0	-	3	2.0
FOREST	0	-	0	-	0	-	0	-	0	-
FRANKLIN	0	-	1	0.8	1	0.8	1	0.8	1	0.8
FULTON	0	-	0	-	0	-	0	-	0	-
GREENE	1	2.5	1	2.5	0	-	0	-	0	-
HUNTINGDON	1	2.3	1	2.3	0	-	0	-	0	-
INDIANA	2	2.2	0	-	0	-	2	2.2	0	-
JEFFERSON	2	4.2	1	2.1	0	-	1	2.1	0	-

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	GALL BLADDER DISORDERS		DISEASES OF PANCREAS		ALCOHOLISM		EPILEPSY		VENOUS EMBOLISM & THROMBOSIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	0	-	0	-	0	-	1	5.0
LACKAWANNA	7	3.1	1	0.4	1	0.4	2	0.9	1	0.4
LANCASTER	1	0.2	2	0.5	1	0.2	1	0.2	5	1.2
LAWRENCE	1	1.0	1	1.0	0	-	0	-	1	1.0
LEBANON	2	1.8	0	-	0	-	0	-	0	-
LEHIGH	4	1.4	4	1.4	2	0.7	3	1.1	1	0.4
LUZERNE	7	2.1	7	2.1	2	0.6	2	0.6	1	0.3
LYCOMING	1	0.9	1	0.9	2	1.7	1	0.9	1	0.9
MCKEAN	2	4.3	1	2.1	0	-	1	2.1	0	-
MERCER	1	0.8	1	0.8	1	0.8	2	1.6	1	0.8
MIFFLIN	1	2.2	0	-	0	-	0	-	0	-
MONROE	3	3.4	1	1.1	0	-	0	-	0	-
MONTGOMERY	8	1.2	2	0.3	5	0.7	2	0.3	2	0.3
MONTOUR	1	6.0	0	-	0	-	0	-	0	-
NORTHAMPTON	4	1.7	2	0.8	1	0.4	2	0.8	2	0.8
NORTHUMBERLAND	5	5.1	1	1.0	3	3.1	1	1.0	0	-
PERRY	1	2.5	0	-	0	-	1	2.5	1	2.5
PHILADELPHIA	24	1.5	28	1.7	55	3.3	22	1.3	20	1.2
PIKE	1	4.1	0	-	0	-	0	-	0	-
POTTER	2	11.2	0	-	1	5.6	0	-	0	-
SCHUYLKILL	3	1.9	1	0.6	1	0.6	4	2.6	6	3.9
SNYDER	0	-	0	-	0	-	1	2.8	0	-
SOMERSET	1	1.2	0	-	0	-	1	1.2	3	3.7
SULLIVAN	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	0	-	1	2.5	0	-	0	-	1	2.5
TIOGA	1	2.5	0	-	0	-	0	-	1	2.5
UNION	0	-	0	-	1	2.9	0	-	0	-
VENANGO	1	1.6	0	-	1	1.6	1	1.6	0	-
WARREN	1	2.2	2	4.4	0	-	0	-	0	-
WASHINGTON	3	1.4	2	0.9	1	0.5	1	0.5	1	0.5
WAYNE	0	-	0	-	2	5.1	0	-	0	-
WESTMORELAND	4	1.1	5	1.3	2	0.5	4	1.1	2	0.5
WYOMING	0	-	0	-	0	-	0	-	0	-
YORK	2	0.6	3	0.9	4	1.2	2	0.6	3	0.9

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	MULTIPLE SCLEROSIS		TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL COUNTIES	84	0.7	73	0.6	62	0.5	50	0.4	11,650	97.6
ADAMS	0	-	0	-	0	-	0	-	46	63.7
ALLEGHENY	10	0.7	6	0.4	9	0.7	3	0.2	1,311	96.2
ARMSTRONG	0	-	1	1.3	0	-	2	2.5	72	91.0
BEAVER	1	0.5	0	-	2	1.0	2	1.0	150	78.5
BEDFORD	0	-	0	-	0	-	1	2.1	30	62.6
BERKS	1	0.3	1	0.3	2	0.6	0	-	418	128.9
BLAIR	1	0.8	0	-	1	0.8	0	-	123	93.3
BRADFORD	0	-	0	-	1	1.6	0	-	61	94.9
BUCKS	0	-	2	0.4	0	-	5	0.9	462	86.8
BUTLER	3	2.0	1	0.7	0	-	1	0.7	110	72.2
CAMBRIA	3	1.8	1	0.6	0	-	1	0.6	141	82.3
CAMERON	1	15.6	0	-	0	-	0	-	8	124.8
CARBON	1	1.8	0	-	0	-	0	-	44	79.7
CENTRE	1	0.9	0	-	0	-	1	0.9	54	47.1
CHESTER	1	0.3	0	-	2	0.6	1	0.3	233	67.2
CLARION	1	2.4	1	2.4	0	-	0	-	33	78.9
CLEARFIELD	0	-	0	-	0	-	0	-	69	84.4
CLINTON	1	2.6	0	-	0	-	0	-	21	55.4
COLUMBIA	0	-	1	1.6	0	-	0	-	45	74.0
CRAWFORD	1	1.2	0	-	2	2.3	0	-	96	111.2
CUMBERLAND	0	-	1	0.5	0	-	1	0.5	120	62.5
DAUPHIN	2	0.8	2	0.8	0	-	0	-	162	67.9
DELAWARE	2	0.4	4	0.7	2	0.4	2	0.4	536	94.8
ELK	0	-	0	-	1	2.7	0	-	23	61.7
ERIE	2	0.7	2	0.7	0	-	1	0.4	217	77.9
FAYETTE	3	2.0	1	0.7	1	0.7	0	-	117	76.4
FOREST	0	-	0	-	0	-	1	21.3	2	42.6
FRANKLIN	0	-	0	-	2	1.7	1	0.8	83	69.5
FULTON	0	-	0	-	0	-	0	-	8	56.3
GREENE	0	-	1	2.5	0	-	0	-	33	82.1
HUNTINGDON	0	-	0	-	0	-	0	-	20	46.7
INDIANA	2	2.2	1	1.1	1	1.1	0	-	56	60.7
JEFFERSON	1	2.1	0	-	0	-	0	-	33	68.7

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-28 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE*:
PENNSYLVANIA RESIDENTS, 1987

COUNTY	MULTIPLE SCLEROSIS		TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
JUNIATA	0	-	1	5.0	0	-	0	-	22	109.5
LACKAWANNA	2	0.9	1	0.4	2	0.9	0	-	173	77.7
LANCASTER	7	1.7	2	0.5	1	0.2	0	-	252	62.4
LAWRENCE	0	-	0	-	1	1.0	0	-	90	89.3
LEBANON	0	-	0	-	1	0.9	0	-	78	69.0
LEHIGH	3	1.1	3	1.1	2	0.7	0	-	209	73.5
LUZERNE	4	1.2	6	1.8	4	1.2	0	-	274	82.6
LYCOMING	1	0.9	1	0.9	0	-	0	-	83	70.9
MCKEAN	0	-	0	-	2	4.3	0	-	37	79.4
MERCER	2	1.6	2	1.6	1	0.8	0	-	105	85.0
MIFFLIN	1	2.2	0	-	0	-	0	-	54	116.1
MONROE	0	-	0	-	0	-	0	-	61	69.6
MONTGOMERY	4	0.6	0	-	6	0.9	3	0.4	591	86.9
MONTOUR	1	6.0	0	-	0	-	0	-	18	107.8
NORTHAMPTON	4	1.7	1	0.4	0	-	1	0.4	152	63.6
NORTHUMBERLAND	0	-	0	-	1	1.0	0	-	90	91.5
PERRY	1	2.5	0	-	0	-	0	-	34	85.0
PHILADELPHIA	7	0.4	24	1.5	9	0.5	19	1.2	3,224	196.0
PIKE	1	4.1	0	-	0	-	0	-	26	107.0
POTTER	0	-	0	-	0	-	0	-	17	95.0
SCHUYLKILL	0	-	0	-	3	1.9	0	-	153	98.6
SNYDER	1	2.8	0	-	0	-	0	-	19	53.2
SOMERSET	0	-	2	2.5	0	-	0	-	58	71.8
SULLIVAN	0	-	0	-	0	-	0	-	9	140.7
SUSQUEHANNA	0	-	1	2.5	0	-	0	-	9	22.3
TIOGA	0	-	0	-	0	-	0	-	28	68.8
UNION	0	-	0	-	0	-	0	-	28	80.7
VENANGO	0	-	0	-	0	-	0	-	49	78.8
WARREN	1	2.2	0	-	0	-	0	-	28	61.8
WASHINGTON	3	1.4	1	0.5	1	0.5	3	1.4	179	85.0
WAYNE	1	2.5	0	-	0	-	0	-	26	66.2
WESTMORELAND	0	-	2	0.5	2	0.5	0	-	282	74.3
WYOMING	0	-	0	-	0	-	0	-	20	71.4
YORK	2	0.6	0	-	0	-	1	0.3	235	70.9

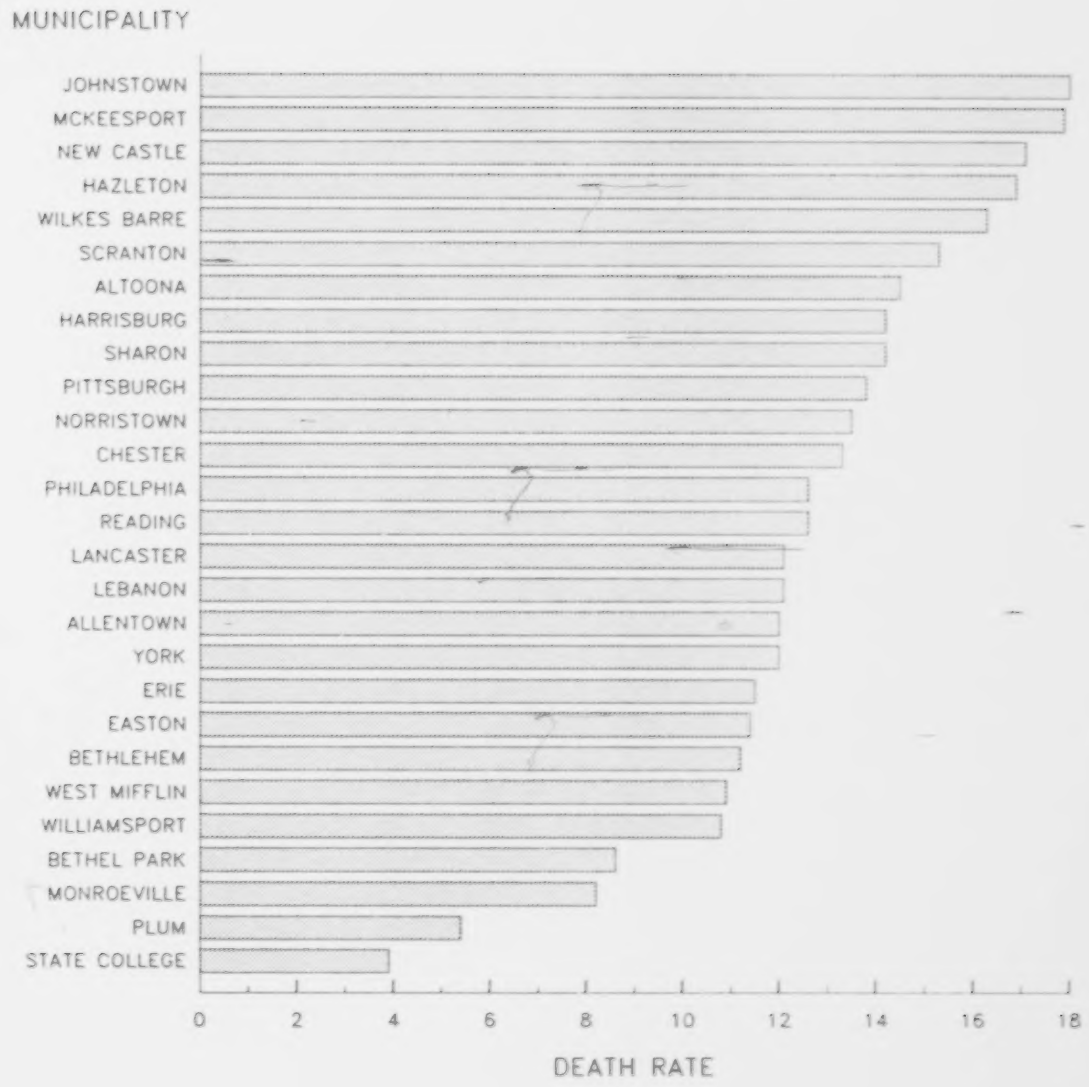
* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH COUNTY.

TABLE C-29
RESIDENT LIVE BIRTHS, ALL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
FOR SELECTED MUNICIPALITIES, NUMBER AND RATE*: PENNSYLVANIA, 1987

	LIVE BIRTHS		ALL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER**	RATE
STATE TOTAL	162,348	13.6	124,986	10.5	1,654	10.2	1,164	7.2	1,894	11.5
ALLENTOWN	1,752	16.7	1,258	12.0	23	13.1	14	8.0	17	9.6
ALTOONA	668	12.7	760	14.5	8	12.0	6	9.0	8	11.8
BETHEL PARK	439	12.9	291	8.6	0	-	0	-	3	6.8
BETHLEHEM	953	13.4	793	11.2	8	8.4	7	7.3	12	12.4
CHESTER	1,029	23.7	579	13.3	14	13.6	12	11.7	29	27.4
EASTON	473	17.5	307	11.4	8	16.9	7	14.8	6	12.5
ERIE	2,139	18.7	1,309	11.5	28	13.1	20	9.4	23	10.6
HARRISBURG	1,172	22.8	728	14.2	27	23.0	19	16.2	32	26.6
HAZLETON	273	10.9	424	16.9	6	22.0	3	11.0	2	7.3
JOHNSTOWN	406	13.0	560	18.0	4	9.9	1	2.5	5	12.2
LANCASTER	1,173	20.2	701	12.1	11	9.4	8	6.8	18	15.1
LEBANON	428	16.1	323	12.1	2	4.7	1	2.3	5	11.5
MCKEESPORT	375	14.2	473	17.9	9	24.0	9	24.0	3	7.9
MONROEVILLE	332	11.3	242	8.2	2	6.0	2	6.0	2	6.0
NEW CASTLE	440	14.7	514	17.1	3	6.8	1	2.3	4	9.0
NORRISTOWN	784	23.4	453	13.5	10	12.8	8	10.2	16	20.0
PHILADELPHIA	28,529	17.3	20,687	12.6	483	16.9	322	11.3	449	15.5
PITTSBURGH	5,379	14.1	5,241	13.8	89	16.5	68	12.6	97	17.7
PLUM	385	15.3	137	5.4	3	7.8	2	5.2	1	2.6
READING	1,402	18.1	980	12.6	15	10.7	11	7.8	16	11.3
SCRANTON	1,036	12.7	1,245	15.3	9	8.7	7	6.8	8	7.7
SHARON	230	14.6	224	14.2	0	-	0	-	3	12.9
STATE COLLEGE	189	5.6	133	3.9	3	15.9	2	10.6	1	5.3
WEST MIFFLIN	257	10.6	265	10.9	3	11.7	3	11.7	2	7.7
WILKES BARRE	670	14.1	774	16.3	11	16.4	7	10.4	8	11.8
WILLIAMSPORT	505	16.0	343	10.8	9	17.8	5	9.9	3	5.9
YORK	841	18.9	534	12.0	11	13.1	9	10.7	13	15.2
ALL OTHER AREAS	110,089	12.6	84,708	9.7	855	7.8	610	5.5	1,108	10.0

* BIRTH AND DEATH CRUDE RATES PER 1,000 ESTIMATED 1987 POPULATION.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS.
FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

FIGURE C-29
RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1987



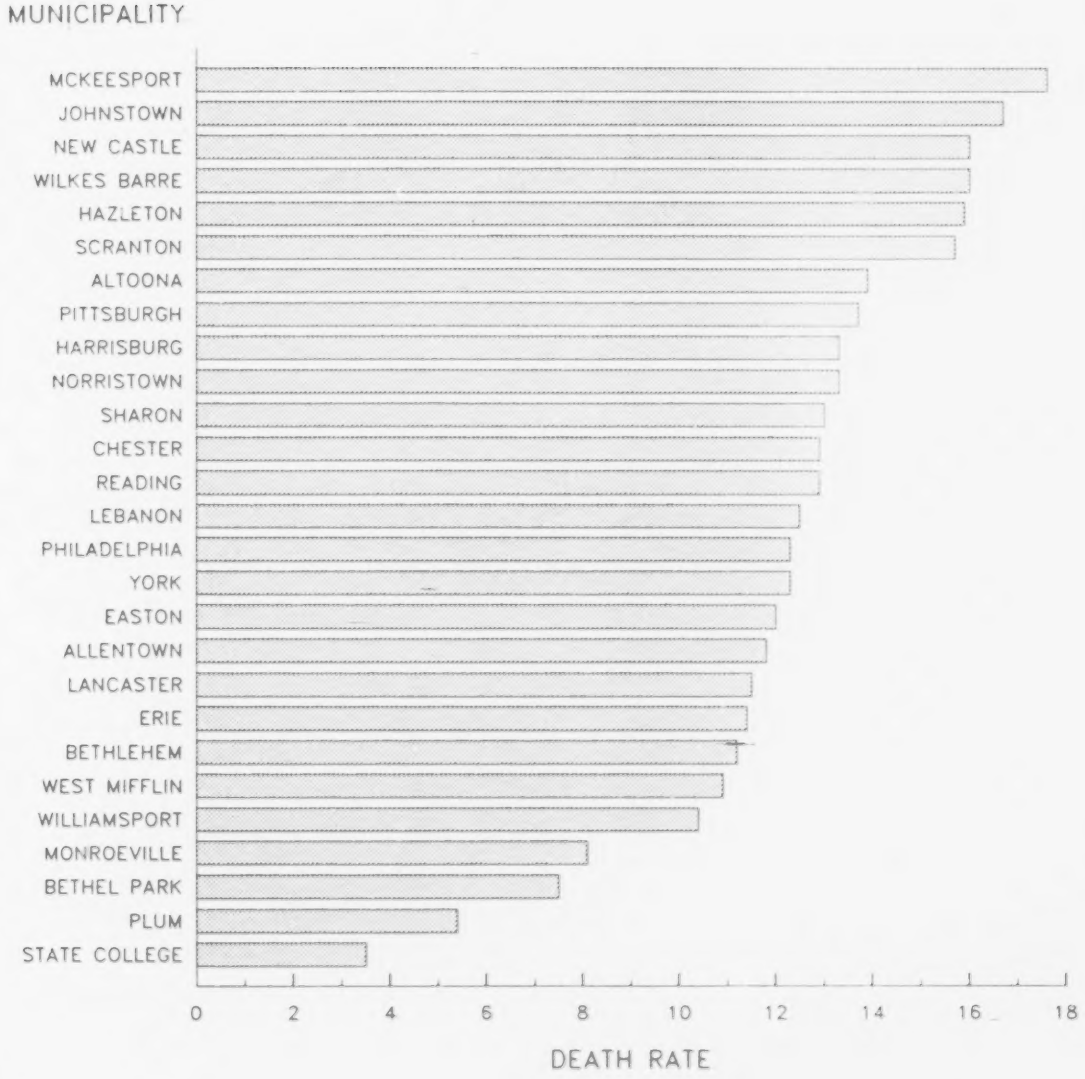
NOTE: RATE PER 1,000 POPULATION, 1987. SEE TABLE C-29 FOR CORRESPONDING DATA.

TABLE C-30
RESIDENT DEATHS, INFANT, AND NEONATAL DEATHS FOR SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987

MUNICIPALITY	ALL DEATHS 1983-1987		INFANT DEATHS 1983-1987		NEONATAL DEATHS 1983-1987	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	614,495	10.3	8,414	10.6	5,807	7.3
ALLENTOWN	6,133	11.8	81	10.0	54	6.6
ALTOONA	3,737	13.9	45	13.3	33	9.8
BETHEL PARK	1,274	7.5	12	5.8	9	4.3
BETHLEHEM	3,930	11.2	42	9.8	31	7.2
CHESTER	2,832	12.9	82	16.9	64	13.2
EASTON	1,581	12.0	28	13.0	19	8.8
ERIE	6,600	11.4	125	11.5	93	8.6
HARRISBURG	3,457	13.3	92	16.5	67	12.0
HAZLETON	2,038	15.9	23	15.6	18	12.2
JOHNSTOWN	2,703	16.7	30	14.8	18	8.9
LANCASTER	3,266	11.5	73	13.4	48	8.8
LEBANON	1,647	12.5	22	11.2	14	7.2
MCKEESPORT	2,454	17.6	30	14.5	22	10.7
MONROEVILLE	1,214	8.1	20	12.2	15	9.2
NEW CASTLE	2,492	16.0	28	12.3	19	8.4
NORRISTOWN	2,267	13.3	61	17.0	46	12.8
PHILADELPHIA	101,340	12.3	2,154	16.1	1,420	10.6
PITTSBURGH	27,124	13.7	447	16.3	338	12.4
PLUM	676	5.4	18	9.1	15	7.6
READING	5,046	12.9	89	12.6	62	8.8
SCRANTON	6,531	15.7	66	12.3	46	8.6
SHARON	1,069	13.0	9	7.6	6	5.0
STATE COLLEGE	595	3.5	7	7.9	5	5.6
WEST MIFFLIN	1,363	10.9	21	15.7	20	14.9
WILKES BARRE	3,889	16.0	28	8.9	19	6.0
WILLIAMSPORT	1,665	10.4	25	9.8	14	5.5
YORK	2,738	12.3	54	13.6	37	9.3
ALL OTHER AREAS	414,834	9.5	4,702	8.6	3,255	5.9

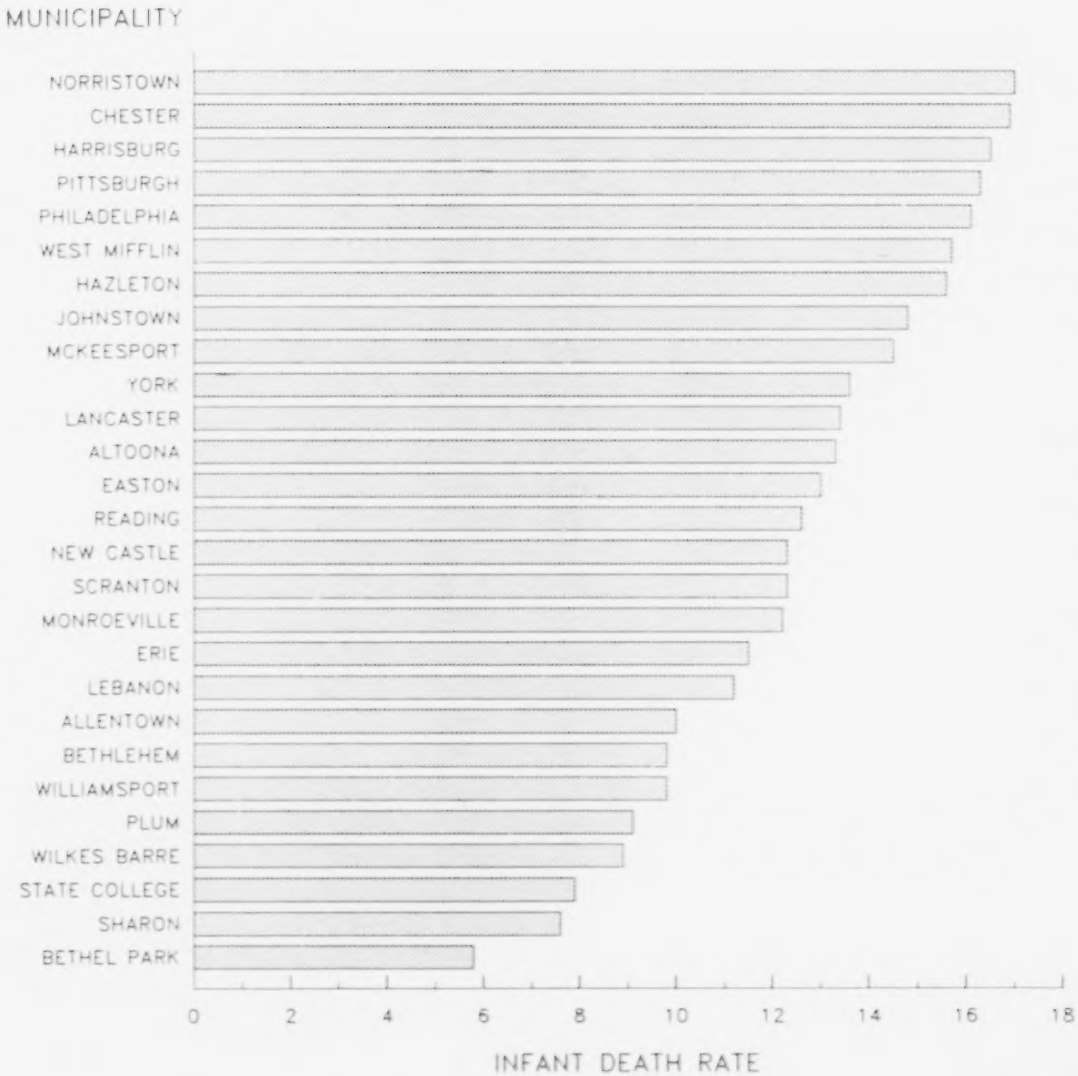
* CRUDE DEATH RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA, 1983-1987.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS FOR EACH SPECIFIED AREA, 1983-1987.
NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE C-30
RESIDENT CRUDE DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987



NOTE: RATE PER 1,000 POPULATION, 1983-1987. SEE TABLE C-30 FOR CORRESPONDING DATA.

FIGURE C-31
RESIDENT INFANT DEATH RATES BY SELECTED MUNICIPALITIES
PENNSYLVANIA, FIVE YEAR SUMMARY, 1983-1987



NOTE: RATE PER 1,000 LIVE BIRTHS, 1983-1987. SEE TABLE C-30 FOR CORRESPONDING DATA.

TABLE C-31
RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1987

MUNICIPALITY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
STATE TOTAL	124,986	1,970	160	182	592	973	2,315	3,134	5,876	16,143	31,344	36,177	26,120
ALLENTOWN	1,258	24	1	0	5	6	24	27	46	156	286	411	272
ALTOONA	760	12	1	0	2	7	13	19	36	86	176	247	161
BETHEL PARK	291	0	0	0	1	1	7	8	12	48	77	72	65
BETHLEHEM	793	10	0	1	1	6	8	13	32	104	209	233	176
CHESTER	579	20	2	1	6	9	22	35	36	90	153	120	85
EASTON	307	10	0	0	3	3	6	10	20	38	65	74	78
ERIE	1,309	33	3	2	6	14	27	28	60	184	348	346	258
HARRISBURG	728	28	1	0	1	5	11	34	56	91	165	193	141
HAZLETON	424	6	1	0	2	2	4	6	16	58	93	153	83
JOHNSTOWN	560	7	0	1	1	2	7	12	41	81	133	174	101
LANCASTER	701	18	1	1	4	11	16	22	36	86	151	193	162
LEBANON	323	3	1	0	2	0	2	9	16	50	86	85	69
MCKEESPORT	473	10	0	0	3	5	9	8	11	72	110	152	93
MONROEVILLE	242	2	0	0	3	1	4	3	11	32	64	75	47
NEW CASTLE	514	6	1	0	2	2	7	6	20	66	143	142	119
NORRISTOWN	453	11	0	0	0	6	11	24	35	53	103	119	91
PHILADELPHIA	20,687	549	31	27	86	192	596	844	1,294	2,866	5,100	5,417	3,685
PITTSBURGH	5,241	97	4	6	9	32	111	133	217	717	1,353	1,525	1,037
PLUM	137	3	0	0	0	1	2	7	12	23	43	33	13
READING	980	20	0	3	4	8	20	28	40	100	253	322	182
SCRANTON	1,245	10	1	0	2	7	17	16	42	167	339	382	262
SHARON	224	3	0	0	0	2	5	6	11	27	55	73	42
STATE COLLEGE	133	5	0	1	0	3	5	1	5	15	28	36	34
WEST MIFFLIN	265	4	0	0	2	0	5	4	14	50	83	66	37
WILKES BARRE	774	13	0	0	0	5	12	15	30	101	204	223	171
WILLIAMSPORT	343	11	1	1	2	5	3	13	20	39	86	102	60
YORK	534	14	0	0	7	3	13	12	24	81	125	153	102
ALL OTHER AREAS	84,708	1,041	111	138	438	635	1,348	1,791	3,681	10,662	21,313	25,056	18,494

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-32
RESIDENT DEATHS BY SEX AND RACE FOR SELECTED MUNICIPALITIES
PENNSYLVANIA, 1987

COUNTY	TOTAL DEATHS	WHITE*			ALL OTHER		
		TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
STATE TOTAL	124,986	112,947	56,926	56,021	12,039	6,467	5,572
ALLENTOWN	1,258	1,229	634	595	29	21	8
ALTOONA	760	750	363	387	10	5	5
BETHEL PARK	291	289	137	152	2	1	1
BETHLEHEM	793	780	402	378	13	6	7
CHESTER	579	267	146	121	312	176	136
EASTON	307	283	134	149	24	14	10
ERIE	1,309	1,207	602	605	102	59	43
HARRISBURG	728	454	218	236	274	141	133
HAZLETON	424	424	213	211	0	0	0
JOHNSTOWN	560	535	277	258	25	13	12
LANCASTER	701	648	327	321	53	27	26
LEBANON	323	322	160	162	1	1	0
MCKEESPORT	473	426	198	228	47	27	20
MONROEVILLE	242	229	114	115	13	9	4
NEW CASTLE	514	486	222	264	28	16	12
NORRISTOWN	453	361	161	200	92	47	45
PHILADELPHIA	20,687	12,929	6,369	6,560	7,758	4,143	3,615
PITTSBURGH	5,241	4,000	1,966	2,034	1,241	620	621
PLUM	137	131	79	52	6	4	2
READING	980	918	488	430	62	34	28
SCRANTON	1,245	1,239	598	641	6	4	2
SHARON	224	210	113	97	14	9	5
STATE COLLEGE	133	131	55	76	2	1	1
WEST MIFFLIN	265	247	138	109	18	9	9
WILKES BARRE	774	763	355	408	11	3	8
WILLIAMSPORT	343	323	177	146	20	10	10
YORK	534	470	231	239	64	33	31
ALL OTHER AREAS	84,708	82,896	42,049	40,847	1,812	1,034	778

* UNKNOWN RACE INCLUDED IN THE WHITE CATEGORY.
**UNKNOWN SEX INCLUDED IN THE MALE CATEGORY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-33
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

			HEART DISEASE							
	ALL CAUSES		TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCT.	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	124,986	1047.1	47,381	396.9	409	3.4	1,066	8.9	14,048	117.7
ALLENTOWN	1,258	1201.5	514	490.9	7	6.7	15	14.3	129	123.2
ALTOONA	760	1449.8	315	600.9	3	5.7	8	15.3	114	217.5
BETHEL PARK	291	857.1	114	335.8	1	2.9	2	5.9	44	129.6
BETHLEHEM	793	1116.6	310	436.5	3	4.2	3	4.2	89	125.3
CHESTER	579	1332.9	191	439.7	0	-	10	23.0	45	103.6
EASTON	307	1136.2	132	488.5	1	3.7	5	18.5	31	114.7
ERIE	1,309	1145.9	475	415.8	3	2.6	5	4.4	156	136.6
HARRISBURG	728	1417.7	279	543.3	0	-	13	25.3	73	142.2
HAZLETON	424	1691.9	189	754.2	1	4.0	5	20.0	39	155.6
JOHNSTOWN	560	1798.9	215	690.7	2	6.4	13	41.8	71	228.1
LANCASTER	701	1206.5	250	430.3	2	3.4	3	5.2	90	154.9
LEBANON	323	1212.5	155	581.8	2	7.5	3	11.3	50	187.7
MCKEESPORT	473	1787.6	189	714.3	1	3.8	7	26.5	71	268.3
MONROEVILLE	242	822.3	89	302.4	0	-	2	6.8	42	142.7
NEW CASTLE	514	1711.6	220	732.6	2	6.7	3	10.0	83	276.4
NORRISTOWN	453	1350.6	187	557.5	2	6.0	10	29.8	56	167.0
PHILADELPHIA	20,687	1257.7	6,342	385.6	37	2.2	156	9.5	1,420	86.3
PITTSBURGH	5,241	1375.2	2,000	524.8	22	5.8	80	21.0	609	159.8
PLUM	137	543.7	41	162.7	1	4.0	0	-	13	51.6
READING	980	1263.7	265	341.7	0	-	11	14.2	79	101.9
SCRANTON	1,245	1531.6	537	660.6	9	11.1	18	22.1	145	178.4
SHARON	224	1424.9	74	470.7	2	12.7	0	-	27	171.8
STATE COLLEGE	133	392.3	49	144.5	1	2.9	0	-	13	38.3
WEST MIFFLIN	265	1089.6	100	411.2	2	8.2	0	-	39	160.4
WILKES BARRE	774	1627.8	362	761.3	6	12.6	10	21.0	87	183.0
WILLIAMSPORT	343	1084.1	128	404.6	0	-	2	6.3	23	72.7
YORK	534	1197.3	191	428.3	4	9.0	6	13.5	42	94.2
ALL OTHER AREAS	84,708	965.9	33,468	381.6	295	3.4	676	7.7	10,368	118.2

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

	HEART DISEASE				MALIGNANT NEOPLASMS							
	ACUTE MYOCARDIAL INFARCTION		OTHER HEART DISEASE		TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	15,985	133.9	15,873	133.0	28,767	241.0	422	3.5	7,280	61.0	7,771	65.1
ALLENTOWN	159	151.9	204	194.8	300	286.5	4	3.8	89	85.0	78	74.5
ALTOONA	130	248.0	60	114.5	168	320.5	2	3.8	38	72.5	49	93.5
BETHEL PARK	45	132.5	22	64.8	77	226.8	0	-	20	58.9	22	64.8
BETHLEHEM	78	109.8	137	192.9	184	259.1	5	7.0	45	63.4	56	78.9
CHESTER	60	138.1	76	175.0	120	276.2	5	11.5	30	69.1	44	101.3
EASTON	26	96.2	69	255.4	63	233.2	1	3.7	18	66.6	19	70.3
ERIE	201	176.0	110	96.3	295	258.3	7	6.1	64	56.0	76	66.5
HARRISBURG	59	114.9	134	261.0	157	305.7	2	3.9	36	70.1	41	79.8
HAZLETON	59	235.4	85	339.2	78	311.3	0	-	27	107.7	18	71.8
JOHNSTOWN	76	244.1	53	170.3	133	427.2	0	-	43	138.1	28	89.9
LANCASTER	66	113.6	89	153.2	159	273.7	7	12.0	33	56.8	34	58.5
LEBANON	37	138.9	63	236.5	60	225.2	0	-	14	52.6	14	52.6
MCKEESPORT	44	166.3	66	249.4	114	430.8	3	11.3	19	71.8	50	189.0
MONROEVILLE	24	81.5	21	71.4	57	193.7	0	-	13	44.2	23	78.2
NEW CASTLE	90	299.7	42	139.9	116	386.3	3	10.0	22	73.3	40	133.2
NORRISTOWN	60	178.9	59	175.9	82	244.5	2	6.0	17	50.7	27	80.5
PHILADELPHIA	2,229	135.5	2,500	152.0	4,754	289.0	87	5.3	1,235	75.1	1,401	85.2
PITTSBURGH	593	155.6	696	182.6	1,221	320.4	24	6.3	331	86.9	343	90.0
PLUM	18	71.4	9	35.7	42	166.7	1	4.0	12	47.6	16	63.5
READING	73	94.1	102	131.5	229	295.3	5	6.4	58	74.8	69	89.0
SCRANTON	144	177.1	221	271.9	274	337.1	4	4.9	68	83.7	71	87.3
SHARON	29	184.5	16	101.8	52	330.8	0	-	15	95.4	14	89.1
STATE COLLEGE	21	61.9	14	41.3	26	76.7	0	-	5	14.7	4	11.8
WEST MIFFLIN	33	135.7	26	106.9	69	283.7	0	-	13	53.5	20	82.2
WILKES BARRE	111	233.4	148	311.3	165	347.0	2	4.2	46	96.7	46	96.7
WILLIAMSPORT	55	173.8	48	151.7	73	230.7	3	9.5	17	53.7	23	72.7
YORK	83	186.1	56	125.6	124	278.0	3	6.7	31	69.5	39	87.4
ALL OTHER AREAS	11,382	129.8	10,747	122.5	19,575	223.2	252	2.9	4,921	56.1	5,106	58.2

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

	MALIGNANT NEOPLASMS									
	BONE, TISSUE AND SKIN		GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	3,191	26.7	4,299	36.0	3,283	27.5	1,043	8.7	1,478	12.4
ALLENTOWN	37	35.3	41	39.2	26	24.8	9	8.6	16	15.3
ALTOONA	19	36.2	24	45.8	17	32.4	9	17.2	10	19.1
BETHEL PARK	4	11.8	12	35.3	11	32.4	4	11.8	4	11.8
BETHLEHEM	17	23.9	19	26.8	30	42.2	6	8.4	6	8.4
CHESTER	10	23.0	10	23.0	13	29.9	3	6.9	5	11.5
EASTON	4	14.8	9	33.3	5	18.5	3	11.1	4	14.8
ERIE	31	27.1	53	46.4	36	31.5	12	10.5	16	14.0
HARRISBURG	22	42.8	32	62.3	14	27.3	4	7.8	6	11.7
HAZLETON	7	27.9	8	31.9	8	31.9	4	16.0	6	23.9
JOHNSTOWN	11	35.3	25	80.3	15	48.2	6	19.3	5	16.1
LANCASTER	20	34.4	20	34.4	22	37.9	10	17.2	13	22.4
LEBANON	8	30.0	13	48.8	8	30.0	2	7.5	1	3.8
MCKEESPORT	7	26.5	17	64.2	12	45.4	3	11.3	3	11.3
MONROEVILLE	5	17.0	7	23.8	4	13.6	2	6.8	3	10.2
NEW CASTLE	13	43.3	20	66.6	6	20.0	4	13.3	8	26.6
NORRISTOWN	7	20.9	13	38.8	13	38.8	3	8.9	0	-
PHILADELPHIA	497	30.2	673	40.9	532	32.3	134	8.1	195	11.9
PITTSBURGH	129	33.8	157	41.2	142	37.3	42	11.0	53	13.9
PLUM	1	4.0	3	11.9	4	15.9	2	7.9	3	11.9
READING	18	23.2	37	47.7	25	32.2	5	6.4	12	15.5
SCRANTON	30	36.9	44	54.1	33	40.6	7	8.6	17	20.9
SHARON	10	63.6	4	25.4	6	38.2	2	12.7	1	6.4
STATE COLLEGE	5	14.7	4	11.8	3	8.8	1	2.9	4	11.8
WEST MIFFLIN	13	53.5	11	45.2	6	24.7	3	12.3	3	12.3
WILKES BARRE	13	27.3	27	56.8	17	35.8	4	8.4	10	21.0
WILLIAMSPORT	5	15.8	10	31.6	9	28.4	2	6.3	4	12.6
YORK	10	22.4	16	35.9	15	33.6	2	4.5	8	17.9
ALL OTHER AREAS	2,238	25.5	2,990	34.1	2,251	25.7	755	8.6	1,062	12.1

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

	CEREBROVASCULAR DISEASE		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		CHRONIC OBSTRUCTIVE PULMONARY DIS		PNEUMONIA & INFLUENZA		DIABETES MELLITUS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	8,019	67.2	2,417	20.2	2,047	17.1	4,220	35.4	3,669	30.7	2,504	21.0
ALLENTOWN	69	65.9	30	28.7	16	15.3	45	43.0	42	40.1	20	19.1
ALTOONA	48	91.6	22	42.0	6	11.4	30	57.2	25	47.7	15	28.6
BETHEL PARK	21	61.9	4	11.8	3	8.8	13	38.3	6	17.7	5	14.7
BETHLEHEM	53	74.6	11	15.5	13	18.3	26	36.6	22	31.0	27	38.0
CHESTER	36	82.9	16	36.8	10	23.0	13	29.9	18	41.4	15	34.5
EASTON	10	37.0	5	18.5	4	14.8	13	48.1	11	40.7	6	22.2
ERIE	123	107.7	23	20.1	18	15.8	40	35.0	30	26.3	35	30.6
HARRISBURG	43	83.7	17	33.1	9	17.5	22	42.8	26	50.6	17	33.1
HAZLETON	34	135.7	4	16.0	7	27.9	16	63.8	15	59.9	6	23.9
JOHNSTOWN	36	115.6	11	35.3	5	16.1	22	70.7	17	54.6	17	54.6
LANCASTER	48	82.6	11	18.9	17	29.3	25	43.0	14	24.1	14	24.1
LEBANON	14	52.6	2	7.5	4	15.0	17	63.8	8	30.0	14	52.6
MCKEESPORT	20	75.6	5	18.9	4	15.1	13	49.1	10	37.8	11	41.6
MONROEVILLE	13	44.2	5	17.0	4	13.6	11	37.4	9	30.6	7	23.8
NEW CASTLE	32	106.6	12	40.0	3	10.0	18	59.9	17	56.6	13	43.3
NORRISTOWN	27	80.5	14	41.7	7	20.9	17	50.7	10	29.8	10	29.8
PHILADELPHIA	1,201	73.0	541	32.9	174	10.6	527	32.0	537	32.6	340	20.7
PITTSBURGH	340	89.2	98	25.7	40	10.5	207	54.3	158	41.5	118	31.0
PLUM	6	23.8	5	19.8	2	7.9	3	11.9	4	15.9	0	-
READING	63	81.2	18	23.2	15	19.3	39	50.3	36	46.4	19	24.5
SCRANTON	70	86.1	18	22.1	8	9.8	52	64.0	28	34.4	29	35.7
SHARON	18	114.5	9	57.3	5	31.8	6	38.2	8	50.9	4	25.4
STATE COLLEGE	8	23.6	10	29.5	2	5.9	7	20.6	4	11.8	2	5.9
WEST MIFFLIN	16	65.8	3	12.3	2	8.2	8	32.9	7	28.8	5	20.6
WILKES BARRE	47	98.8	13	27.3	3	6.3	13	27.3	13	27.3	13	27.3
WILLIAMSPORT	28	88.5	6	19.0	7	22.1	19	60.1	6	19.0	8	25.3
YORK	39	87.4	19	42.6	6	13.5	22	49.3	15	33.6	6	13.5
ALL OTHER AREAS	5,556	63.4	1,485	16.9	1,653	18.8	2,976	33.9	2,573	29.3	1,728	19.7

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

	SEPTICEMIA		NEPHRITIS AND NEPHROSIS		SUICIDE		LIVER DISEASE AND CIRRHOSIS		ATHERO-SCLEROSIS		AORTIC ANEURYSM	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,786	15.0	1,636	13.7	1,489	12.5	1,276	10.7	1,071	9.0	946	7.9
ALLENTOWN	16	15.3	8	7.6	14	13.4	7	6.7	13	12.4	6	5.7
ALTOONA	4	7.6	10	19.1	15	28.6	7	13.4	4	7.6	8	15.3
BETHEL PARK	5	14.7	3	8.8	6	17.7	4	11.8	1	2.9	3	8.8
BETHLEHEM	8	11.3	6	8.4	8	11.3	7	9.9	10	14.1	5	7.0
CHESTER	11	25.3	7	16.1	8	18.4	8	18.4	3	6.9	3	6.9
EASTON	3	11.1	5	18.5	7	25.9	3	11.1	0	-	4	14.8
ERIE	15	13.1	11	9.6	25	21.9	20	17.5	9	7.9	8	7.0
HARRISBURG	21	40.9	19	37.0	6	11.7	5	9.7	4	7.8	4	7.8
HAZLETON	9	35.9	11	43.9	3	12.0	3	12.0	0	-	1	4.0
JOHNSTOWN	6	19.3	7	22.5	11	35.3	8	25.7	5	16.1	4	12.8
LANCASTER	9	15.5	12	20.7	7	12.0	15	25.8	10	17.2	7	12.0
LEBANON	3	11.3	2	7.5	3	11.3	5	18.8	2	7.5	3	11.3
MCKEESPORT	9	34.0	8	30.2	4	15.1	6	22.7	1	3.8	1	3.8
MONROEVILLE	5	17.0	3	10.2	2	6.8	2	6.8	1	3.4	2	6.8
NEW CASTLE	2	6.7	12	40.0	4	13.3	8	26.6	0	-	1	3.3
NORRISTOWN	7	20.9	2	6.0	12	35.8	7	20.9	1	3.0	4	11.9
PHILADELPHIA	603	36.7	328	19.9	209	12.7	245	14.9	97	5.9	121	7.4
PITTSBURGH	56	14.7	83	21.8	52	13.6	78	20.5	29	7.6	42	11.0
PLUM	2	7.9	3	11.9	2	7.9	4	15.9	0	-	1	4.0
READING	12	15.5	11	14.2	17	21.9	14	18.1	9	11.6	10	12.9
SCRANTON	13	16.0	14	17.2	5	6.2	17	20.9	11	13.5	6	7.4
SHARON	3	19.1	3	19.1	2	12.7	6	38.2	4	25.4	0	-
STATE COLLEGE	1	2.9	0	-	3	8.8	2	5.9	1	2.9	1	2.9
WEST MIFFLIN	3	12.3	5	20.6	3	12.3	3	12.3	0	-	3	12.3
WILKES BARRE	11	23.1	8	16.8	7	14.7	11	23.1	7	14.7	7	14.7
WILLIAMSPORT	2	6.3	3	9.5	3	9.5	5	15.8	1	3.2	3	9.5
YORK	6	13.5	7	15.7	9	20.2	6	13.5	3	6.7	7	15.7
ALL OTHER AREAS	941	10.7	1,045	11.9	1,042	11.9	770	8.8	845	9.6	681	7.8

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

	PERINATAL CONDITIONS		HOMICIDE AND LEGAL INTERV		CONGENITAL ANOMALIES		PNEUMOCONIOSIS		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS	
MUNICIPALITY	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	857	7.2	644	5.4	577	4.8	504	4.2	444	3.7	407	3.4
ALLENTOWN	11	10.5	7	6.7	6	5.7	1	1.0	7	6.7	4	3.8
ALTOONA	6	11.4	1	1.9	2	3.8	0	-	3	5.7	2	3.8
BETHEL PARK	0	-	1	2.9	1	2.9	0	-	1	2.9	1	2.9
BETHLEHEM	5	7.0	2	2.8	2	2.8	1	1.4	5	7.0	4	5.6
CHESTER	12	27.6	15	34.5	4	9.2	1	2.3	2	4.6	4	9.2
EASTON	4	14.8	2	7.4	5	18.5	0	-	1	3.7	0	-
ERIE	16	14.0	7	6.1	5	4.4	2	1.8	8	7.0	6	5.3
HARRISBURG	16	31.2	5	9.7	6	11.7	0	-	4	7.8	5	9.7
HAZLETON	2	8.0	1	4.0	1	4.0	7	27.9	1	4.0	3	12.0
JOHNSTOWN	1	3.2	1	3.2	2	6.4	0	-	0	-	3	9.6
LANCASTER	5	8.6	9	15.5	5	8.6	2	3.4	2	3.4	2	3.4
LEBANON	1	3.8	0	-	0	-	0	-	1	3.8	0	-
MCKEESPORT	6	22.7	3	11.3	4	15.1	1	3.8	1	3.8	2	7.6
MONROEVILLE	2	6.8	0	-	0	-	0	-	1	3.4	1	3.4
NEW CASTLE	1	3.3	2	6.7	2	6.7	0	-	1	3.3	2	6.7
NORRISTOWN	7	20.9	1	3.0	2	6.0	0	-	0	-	0	-
PHILADELPHIA	259	15.7	330	20.1	113	6.9	4	0.2	76	4.6	49	3.0
PITTSBURGH	55	14.4	33	8.7	22	5.8	1	0.3	11	2.9	20	5.2
PLUM	1	4.0	1	4.0	1	4.0	3	11.9	1	4.0	0	-
READING	9	11.6	8	10.3	6	7.7	1	1.3	4	5.2	3	3.9
SCRANTON	5	6.2	1	1.2	6	7.4	13	16.0	6	7.4	7	8.6
SHARON	0	-	1	6.4	1	6.4	0	-	0	-	0	-
STATE COLLEGE	3	8.8	1	2.9	0	-	0	-	0	-	0	-
WEST MIFFLIN	2	8.2	0	-	0	-	0	-	0	-	1	4.1
WILKES BARRE	6	12.6	1	2.1	2	4.2	25	52.6	2	4.2	2	4.2
WILLIAMSPORT	4	12.6	0	-	6	19.0	0	-	1	3.2	2	6.3
YORK	8	17.9	6	13.5	1	2.2	0	-	2	4.5	2	4.5
ALL OTHER AREAS	410	4.7	205	2.3	372	4.2	442	5.0	303	3.5	282	3.2

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

MUNICIPALITY	PARKINSON'S DISEASE		HIV INFECTION		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		ANEMIAS		NUTRITIONAL DEFICIENCIES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	388	3.3	365	3.1	303	2.5	300	2.5	248	2.1	173	1.4
ALLENTOWN	2	1.9	4	3.8	0	-	8	7.6	2	1.9	0	-
ALTOONA	1	1.9	3	5.7	0	-	4	7.6	1	1.9	0	-
BETHEL PARK	2	5.9	0	-	0	-	0	-	0	-	0	-
BETHLEHEM	2	2.8	2	2.8	4	5.6	5	7.0	2	2.8	2	2.8
CHESTER	3	6.9	4	9.2	1	2.3	1	2.3	2	4.6	1	2.3
EASTON	0	-	1	3.7	1	3.7	1	3.7	0	-	0	-
ERIE	3	2.6	2	1.8	1	0.9	1	0.9	4	3.5	6	5.3
HARRISBURG	1	1.9	4	7.8	2	3.9	1	1.9	2	3.9	0	-
HAZLETON	2	8.0	0	-	2	8.0	1	4.0	1	4.0	1	4.0
JOHNSTOWN	1	3.2	1	3.2	2	6.4	0	-	0	-	1	3.2
LANCASTER	3	5.2	4	6.9	2	3.4	3	5.2	1	1.7	1	1.7
LEBANON	0	-	2	7.5	1	3.8	3	11.3	0	-	0	-
MCKEESPORT	0	-	2	7.6	1	3.8	0	-	0	-	1	3.8
MONROEVILLE	1	3.4	0	-	1	3.4	1	3.4	1	3.4	0	-
NEW CASTLE	2	6.7	0	-	1	3.3	0	-	1	3.3	3	10.0
NORRISTOWN	0	-	1	3.0	1	3.0	0	-	1	3.0	0	-
PHILADELPHIA	47	2.9	190	11.6	48	2.9	40	2.4	39	2.4	41	2.5
PITTSBURGH	15	3.9	20	5.2	16	4.2	17	4.5	6	1.6	6	1.6
PLUM	1	4.0	0	-	0	-	0	-	0	-	1	4.0
READING	1	1.3	4	5.2	3	3.9	4	5.2	1	1.3	1	1.3
SCRANTON	3	3.7	0	-	7	8.6	5	6.2	3	3.7	3	3.7
SHARON	1	6.4	0	-	0	-	3	19.1	1	6.4	0	-
STATE COLLEGE	0	-	0	-	0	-	1	2.9	0	-	0	-
WEST MIFFLIN	1	4.1	0	-	4	16.4	0	-	2	8.2	0	-
WILKES BARRE	3	6.3	1	2.1	1	2.1	1	2.1	1	2.1	1	2.1
WILLIAMSPORT	2	6.3	0	-	3	9.5	0	-	2	6.3	0	-
YORK	0	-	1	2.2	1	2.2	1	2.2	2	4.5	5	11.2
ALL OTHER AREAS	291	3.3	119	1.4	200	2.3	199	2.3	173	2.0	99	1.1

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

MUNICIPALITY	GALL BLADDER DISORDERS		DISEASES OF PANCREAS		ALCOHOLISM		EPILEPSY		VENOUS EMBOLISM & THROMBOSIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	163	1.4	142	1.2	128	1.1	98	0.8	98	0.8
ALLENTOWN	3	2.9	1	1.0	2	1.9	1	1.0	0	-
ALTOONA	1	1.9	1	1.9	1	1.9	0	-	1	1.9
BETHEL PARK	1	2.9	0	-	0	-	2	5.9	0	-
BETHLEHEM	2	2.8	0	-	1	1.4	1	1.4	1	1.4
CHESTER	0	-	3	6.9	1	2.3	2	4.6	0	-
EASTON	2	7.4	0	-	0	-	0	-	0	-
ERIE	1	0.9	0	-	1	0.9	0	-	2	1.8
HARRISBURG	1	1.9	1	1.9	0	-	0	-	1	1.9
HAZLETON	0	-	1	4.0	0	-	0	-	0	-
JOHNSTOWN	3	9.6	2	6.4	2	6.4	0	-	0	-
LANCASTER	0	-	0	-	1	1.7	0	-	2	3.4
LEBANON	0	-	0	-	0	-	0	-	0	-
MCKEESPORT	1	3.8	0	-	0	-	2	7.6	0	-
MONROEVILLE	1	3.4	0	-	0	-	1	3.4	0	-
NEW CASTLE	0	-	0	-	0	-	0	-	0	-
NORRISTOWN	1	3.0	0	-	0	-	2	6.0	0	-
PHILADELPHIA	24	1.5	28	1.7	55	3.3	22	1.3	20	1.2
PITTSBURGH	7	1.8	7	1.8	7	1.8	8	2.1	5	1.3
PLUM	0	-	1	4.0	0	-	0	-	0	-
READING	3	3.9	3	3.9	1	1.3	1	1.3	1	1.3
SCRANTON	3	3.7	0	-	1	1.2	1	1.2	0	-
SHARON	0	-	1	6.4	0	-	0	-	0	-
STATE COLLEGE	0	-	0	-	0	-	0	-	0	-
WEST MIFFLIN	0	-	0	-	0	-	0	-	1	4.1
WILKES BARRE	2	4.2	1	2.1	0	-	0	-	0	-
WILLIAMSPORT	0	-	0	-	2	6.3	0	-	1	3.2
YORK	0	-	0	-	2	4.5	1	2.2	0	-
ALL OTHER AREAS	107	1.2	92	1.0	51	0.6	54	0.6	63	0.7

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

(CONTINUED)

TABLE C-33 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE*: PENNSYLVANIA RESIDENTS, 1987

MUNICIPALITY	MULTIPLE SCLEROSIS		TUBERCULOSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	84	0.7	73	0.6	62	0.5	50	0.4	11,650	97.6
ALLENTOWN	1	1.0	1	1.0	2	1.9	0	-	95	90.7
ALTOONA	1	1.9	0	-	0	-	0	-	55	104.9
BETHEL PARK	0	-	0	-	0	-	0	-	17	50.1
BETHLEHEM	0	-	0	-	0	-	0	-	62	87.3
CHESTER	1	2.3	1	2.3	0	-	0	-	62	142.7
EASTON	1	3.7	0	-	0	-	1	3.7	22	81.4
ERIE	1	0.9	0	-	0	-	0	-	116	101.5
HARRISBURG	0	-	2	3.9	0	-	0	-	48	93.5
HAZLETON	2	8.0	0	-	0	-	0	-	23	91.8
JOHNSTOWN	1	3.2	0	-	0	-	1	3.2	42	134.9
LANCASTER	1	1.7	1	1.7	0	-	0	-	59	101.5
LEBANON	0	-	0	-	0	-	0	-	23	86.3
MCKEESPORT	1	3.8	0	-	0	-	0	-	53	200.3
MONROEVILLE	0	-	0	-	0	-	0	-	22	74.8
NEW CASTLE	0	-	0	-	1	3.3	0	-	40	133.2
NORRISTOWN	1	3.0	0	-	0	-	0	-	49	146.1
PHILADELPHIA	7	0.4	24	1.5	9	0.5	19	1.2	3,224	196.0
PITTSBURGH	2	0.5	2	0.5	1	0.3	1	0.3	457	119.9
PLUM	0	-	0	-	0	-	0	-	12	47.6
READING	0	-	0	-	1	1.3	0	-	168	216.6
SCRANTON	2	2.5	1	1.2	1	1.2	0	-	95	116.9
SHARON	0	-	1	6.4	1	6.4	0	-	20	127.2
STATE COLLEGE	0	-	0	-	0	-	0	-	12	35.4
WEST MIFFLIN	0	-	0	-	0	-	1	4.1	26	106.9
WILKES BARRE	0	-	2	4.2	1	2.1	0	-	42	88.3
WILLIAMSPORT	1	3.2	1	3.2	0	-	0	-	26	82.2
YORK	0	-	0	-	0	-	0	-	42	94.2
ALL OTHER AREAS	61	0.7	37	0.4	45	0.5	27	0.3	6,738	76.8

* RATE PER 100,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED AREA.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

MARRIAGE AND DIVORCE STATISTICS

1987 MARRIAGE AND DIVORCE STATISTICS

Highlights

MARRIAGES

In 1987, the number of marriages occurring in Pennsylvania was 87,218, a decrease of only 340 marriages or 0.4 percent from the 87,558 that occurred in 1986 and the lowest annual number of marriages occurring in the state since 1966. The rate was 7.3 per 1,000 population, again the lowest since 1966. Pennsylvania's marriage rate has also been consistently lower than that recorded for the United States.

The largest proportion of brides continued to be in the age group 20-24 -- accounting for almost 36 percent of all marriages in 1987. However, since 1970, the number of marriages for women under 25 years of age has decreased by 46.7 percent while the number for women 25-39 years of age has increased by 157.2 percent. The largest increase among the age groups occurred to women 30-34 years of age; the number of marriages in 1987 reported for that age group was 222.3 percent higher than in 1970.

Age at the time of marriage for grooms followed a pattern similar to that of the brides, with the numbers and rates rising dramatically over the years for those 25 years of age and over and, then, decreasing significantly for those under 25 years of age. In fact, the number and rate of marriages in 1987 among males 25-29 years of age was higher than the corresponding figures for those 20-24, the age group which has traditionally held the distinction of having the highest figures among all the age groups.

The 1987 marriage rate for brides under 20 years of age was more than three times that for the grooms. However, for the age group 50 and older, the grooms' marriage rate was over 126 percent higher than the brides' rate.

Age 20-24 was the most common age group for first marriages for women. However, among the men being married for the first time, age 25-29 was the most common age group. The median ages of brides and grooms being married for the first time were 24.3 and 26.4, respectively.

For 73.3 percent of the brides and 72.0 percent of the grooms, the marriage occurring in Pennsylvania was a first marriage. Over 3.5 percent of the women and the men had had two or more prior marriages. The median age of brides who had been previously married was 33.7; for grooms previously married, median age was 38.5.

For persons previously widowed, 60.3 percent of the women and 80.5 percent of the men were age 50 and older at the time of their remarriage. Among those previously divorced, the median age for women being remarried was 34.1; for men, it was 37.4.

In 18.5 percent of all marriages, both the bride and the groom were in the age group 20-24. The second most common combination was both the bride and the groom 25-29 years of age -- 13.6 percent of all marriages. In 12.8 percent of the marriages, the bride was 20-24 and the groom 25-29 years of age -- the third most common combination.

Nearly all of the brides (93.1 percent) and grooms (89.3 percent) who were married in Pennsylvania in 1987 were residents of Pennsylvania.

May was the most popular month for marriages in 1987 with 10,961 marriages occurring in Pennsylvania, followed closely by June and October with 10,784 and 10,319, respectively. The least popular month was January when only 2,904 marriages took place.

DIVORCES

In 1987, the number of divorces and annulments occurring in Pennsylvania was 38,837 -- which represents a decrease of 2.6 percent compared to the 1986 figure of 39,875. The rate was 3.3 per 1,000 population, the same as it was in 1978 and 1981, and is the third highest rate ever recorded. Pennsylvania's divorce rate has been consistently lower than the rate for the United States over the years 1950 - 1987.

Over half of all divorces and annulments occurred in marriages of nine years duration or less. Marriages of three, four and five years duration had the highest numbers of divorces and annulments. Less than 17 percent of the divorces and annulments occurred in marriages of 20 years duration or longer.

NOTE: Caution is advised when analyzing marriage and divorce statistics which are based on the number of events occurring in a county and may or may not reflect the county of residence of either party. See the *Reliability of Rates* section of the ***Technical Notes*** in the back of this report for more discussion of these rates.

LIST OF DATA TABLES AND ILLUSTRATIONS

MARRIAGE AND DIVORCE DATA TABLES

		PAGE
TABLE D-1	MARRIAGES, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1987	185
TABLE D-2	MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1987, 1980, 1975, AND 1970	186
TABLE D-3	MARRIAGES BY AGE OF GROOM, NUMBER AND RATE: PENNSYLVANIA OCCURRENCES, 1987, 1980, 1975, AND 1970	186
TABLE D-4	PRIOR MARRIAGES BY AGE OF BRIDE, PENNSYLVANIA OCCURRENCES, 1987	188
TABLE D-5	PRIOR MARRIAGES BY AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1987	188
TABLE D-6	PREVIOUS MARITAL STATUS BY AGE OF BRIDE AND AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1987	189
TABLE D-7	ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM, PENNSYLVANIA OCCURRENCES, 1987	189
TABLE D-8	ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1987	190
TABLE D-9	ALL MARRIAGES BY MONTH, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1987	190
TABLE D-10	DIVORCES AND ANNULMENTS, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1987	191
TABLE D-11	DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE, NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1987	192
TABLE D-12	MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE, NUMBER AND RATE: PENNSYLVANIA, 1987	193

MARRIAGE AND DIVORCE DATA ILLUSTRATIONS

		PAGE
FIGURE D-1	MARRIAGE RATES: PENNSYLVANIA AND UNITED STATES, 1950-1987	185
FIGURE D-2	MARRIAGE RATES BY AGE OF BRIDE AND AGE OF GROOM: PENNSYLVANIA OCCURRENCES, 1987	187
FIGURE D-3	DIVORCE RATES: PENNSYLVANIA AND UNITED STATES, 1950-1987	191
FIGURE D-4	DIVORCES AND ANNULMENTS, PERCENT BY DURATION OF MARRIAGE, PENNSYLVANIA OCCURRENCES, 1987	192

TABLE D-1
MARRIAGES, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1987

YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE	YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE
1987	87,218	7.3	2,421,000**	9.9	1967	85,508	7.3	1,927,000	9.7
1986	87,558	7.4	2,400,000**	10.0	1966	81,337	7.0	1,857,000	9.5
1985	89,139	7.5	2,412,625	10.1	1965	80,187	7.0	1,800,000	9.3
1984	91,610	7.7	2,477,192	10.5	1964	76,660	6.7	1,725,000	9.0
1983	92,095	7.7	2,445,604	10.5	1963	72,024	6.3	1,654,000	8.8
1982	93,350	7.9	2,456,278	10.6	1962	68,916	6.1	1,577,000	8.5
1981	92,644	7.8	2,422,145	10.6	1961	69,617	6.1	1,548,000	8.5
1980	93,673	7.9	2,390,252	10.6	1960	71,835	6.3	1,523,000	8.5
1979	93,677	7.9	2,331,337	10.4	1959	71,719	6.3	1,494,000	8.5
1978	92,682	7.9	2,282,272	10.3	1958	67,203	6.1	1,451,000	8.4
1977	90,842	7.7	2,178,367	9.9	1957	75,208	6.7	1,518,000	8.9
1976	90,442	7.6	2,154,807	9.9	1956	77,682	7.0	1,585,000	9.5
1975	91,665	7.7	2,152,662	10.0	1955	77,543	7.0	1,531,000	9.3
1974	96,663	8.2	2,229,667	10.5	1954	72,934	6.7	1,490,000	9.2
1973	101,076	8.5	2,284,108	10.8	1953	80,316	7.4	1,546,000	9.8
1972	98,496	8.3	2,282,154	10.9	1952	78,946	7.4	1,539,318	9.9
1971	94,663	8.0	2,190,481	10.6	1951	84,878	8.0	1,594,694	10.4
1970	94,516	8.0	2,158,802	10.6	1950	89,669	8.5	1,667,231	11.1
1969	94,861	8.0	2,145,000	10.6					
1968	91,947	7.8	2,069,000	10.4					

* RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

FIGURE D-1
MARRIAGE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987

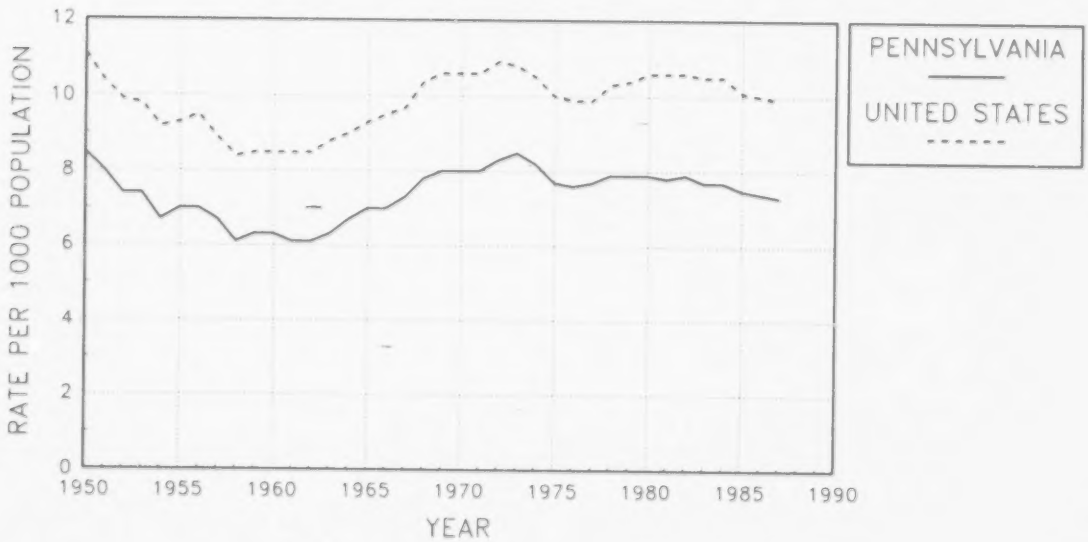


TABLE D-2
MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE*:
PENNSYLVANIA OCCURRENCES, 1987, 1980, 1975, AND 1970

AGE OF BRIDE (IN YEARS)	1987		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	87,218	14.0	93,673	15.2	91,665	14.9	94,516	20.7
UNDER 20	6,502	14.6	14,330	26.8	21,207	37.4	22,323	41.5
20-24**	31,285	65.7	41,886	78.0	41,769	78.7	48,631	106.4
25-29	23,693	47.5	19,150	40.2	13,597	30.1	10,265	28.3
30-34	11,498	23.5	7,813	18.1	5,076	14.2	3,568	11.3
35-39	5,977	13.5	3,640	10.4	2,681	8.6	2,174	6.7
40-44	3,264	8.6	2,095	6.8	1,860	5.8	2,021	5.2
45-49	1,961	6.1	1,426	4.6	1,717	4.6	1,714	4.2
50 & OVER	3,038	1.5	3,333	1.7	3,758	2.0	3,820	2.1

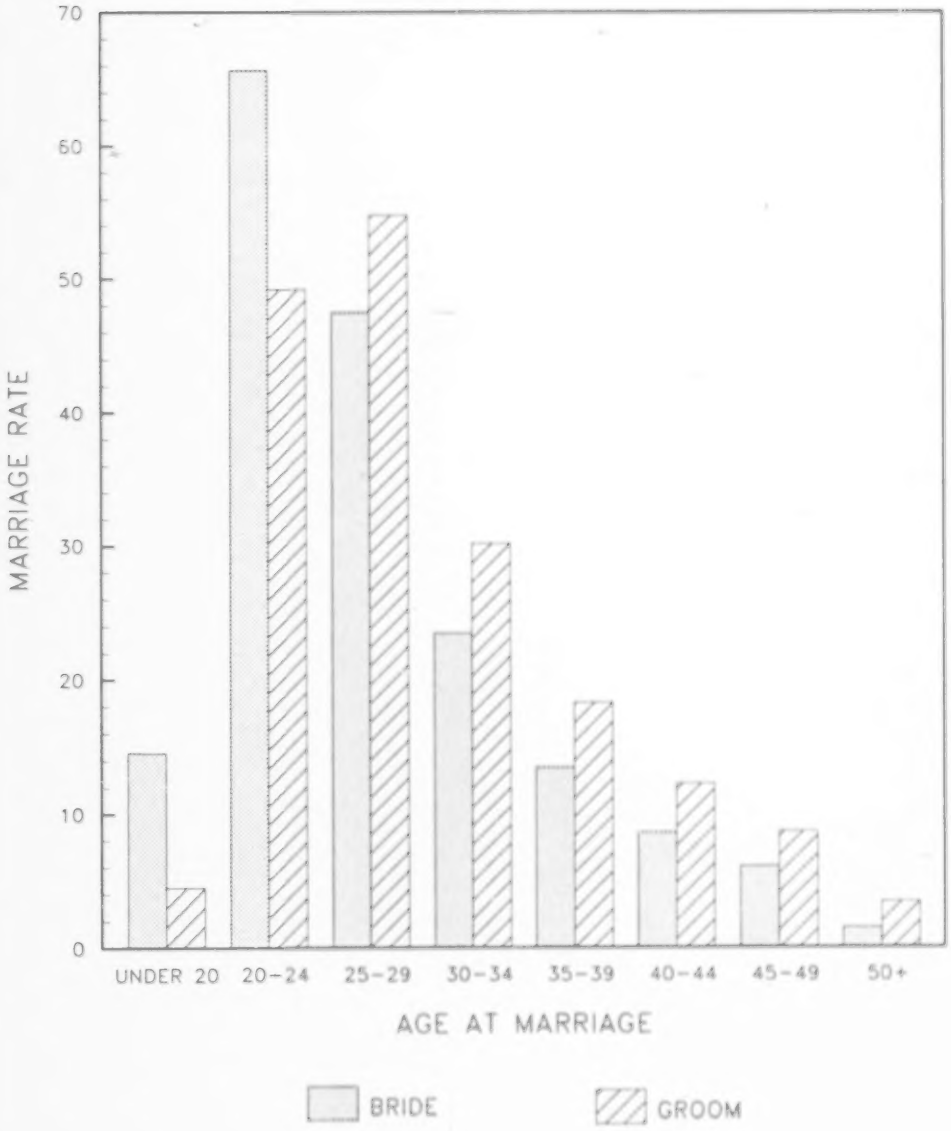
* RATE PER 1,000 FEMALE POPULATION.
**BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE D-3
MARRIAGES BY AGE OF GROOM, NUMBER AND RATE*:
PENNSYLVANIA OCCURRENCES, 1987, 1980, 1975, AND 1970

AGE OF GROOM (IN YEARS)	1987		1980		1975		1970	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES	87,218	15.3	93,673	16.5	91,665	16.2	94,516	23.4
UNDER 20	2,068	4.5	4,893	9.0	8,269	14.1	9,083	16.9
20-24**	23,875	49.2	36,931	70.6	41,079	77.7	48,757	123.4
25-29	26,981	54.8	25,582	54.6	21,027	54.3	18,083	52.7
30-34	14,340	30.2	10,995	26.4	7,391	22.0	5,735	19.5
35-39	7,774	18.3	5,028	15.2	3,664	12.8	3,055	10.2
40-44	4,413	12.3	2,952	10.4	2,559	8.7	2,464	6.9
45-49	2,579	8.7	2,013	7.0	2,171	6.3	2,052	5.5
50 & OVER	5,188	3.4	5,279	3.4	5,505	3.7	5,287	3.6

* RATE PER 1,000 MALE POPULATION.
**GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

FIGURE D-2
MARRIAGE RATES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1987



NOTE: MARRIAGE RATE OF BRIDE PER 1,000 FEMALE POPULATION FOR EACH AGE GROUP.
MARRIAGE RATE OF GROOM PER 1,000 MALE POPULATION FOR EACH AGE GROUP.

TABLE D-4
PRIOR MARRIAGES BY AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1987

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	87,218	63,948	19,960	2,852	384	74
UNDER 15	7	7	0	0	0	0
15-19	6,495	6,465	30	0	0	0
20-24	31,166	29,837	1,287	25	1	6
25-29	23,693	19,150	4,286	229	12	16
30-34	11,498	5,743	5,042	634	58	21
35-39	5,977	1,750	3,484	635	99	9
40-44	3,264	466	2,210	497	87	4
45-49	1,961	186	1,367	359	43	6
50 & OVER	3,038	261	2,213	471	84	9
UNKNOWN	119	83	31	2	0	3

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE

TABLE D-5
PRIOR MARRIAGES BY AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1987

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	87,218	62,802	20,941	2,987	416	72
15-19	2,068	2,066	2	0	0	0
20-24	23,767	23,265	497	4	0	1
25-29	26,981	23,955	2,918	91	2	15
30-34	14,340	9,245	4,657	397	24	17
35-39	7,774	2,702	4,311	677	72	12
40-44	4,413	802	2,901	621	80	9
45-49	2,579	297	1,777	418	83	4
50 & OVER	5,188	397	3,847	775	155	14
UNKNOWN	108	73	31	4	0	0

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE

TABLE D-6
PREVIOUS MARITAL STATUS BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1987

AGE GROUP (IN YEARS)	ALL MARRIAGES*		NEVER MARRIED		WIDOWED		DIVORCED	
	BRIDES	GROOMS	BRIDES	GROOMS	BRIDES	GROOMS	BRIDES	GROOMS
ALL AGES	87,218	87,218	63,948	62,802	2,597	2,568	20,635	21,807
UNDER 20	6,502	2,068	6,472	2,066	0	0	30	2
20-24	31,166	23,767	29,837	23,265	37	2	1,290	497
25-29	23,693	26,981	19,150	23,955	109	21	4,425	3,001
30-34	11,498	14,340	5,743	9,245	179	88	5,570	5,003
35-39	5,977	7,774	1,750	2,702	216	111	4,002	4,949
40-44	3,264	4,413	466	802	207	131	2,586	3,472
45-49	1,961	2,579	186	297	277	143	1,495	2,138
50-59	1,698	2,823	161	256	581	538	954	2,025
60-69	977	1,612	80	110	672	890	223	608
70+	363	753	20	31	314	638	29	83
UNKNOWN	119	108	83	73	5	6	31	29

* TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE D-7
ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1987

AGE OF GROOM (IN YEARS)	ALL AGES	AGE OF BRIDE (IN YEARS)										
		UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-59	60-69	70+	UNKNOWN
ALL AGES	87,218	6,502	31,166	23,693	11,498	5,977	3,264	1,961	1,698	977	363	119
UNDER 20	2,068	1,411	583	52	14	4	2	0	0	0	0	2
20-24	23,767	4,214	16,120	2,767	494	106	26	8	1	0	1	30
25-29	26,981	687	11,154	11,887	2,479	587	117	28	4	1	0	37
30-34	14,340	137	2,407	6,043	4,164	1,175	314	64	17	2	0	17
35-39	7,774	29	607	1,992	2,522	1,816	621	145	30	1	0	11
40-44	4,413	12	173	617	1,145	1,232	827	316	84	3	0	4
45-49	2,579	3	57	206	408	604	639	471	175	11	0	5
50-59	2,823	3	30	79	227	371	573	688	728	112	7	5
60-69	1,612	0	6	13	28	66	128	221	551	534	65	0
70+	753	0	1	2	7	7	16	17	104	309	288	2
UNKNOWN	108	6	28	35	10	9	1	3	4	4	2	6

TABLE D-8
ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM,
NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1987

RESIDENCE	BRIDE NUMBER	BRIDE PERCENT	GROOM NUMBER	GROOM PERCENT
ALL AREAS	87,218*	100.0	87,218**	100.0
PENNSYLVANIA	81,191	93.1	77,859	89.3
ALL OTHER STATES	5,965	6.8	9,232	10.6
TERRITORIES AND POSSESSIONS	4	0.0	5	0.0
FOREIGN COUNTRIES	55	0.1	118	0.1

* TOTAL INCLUDES THREE BRIDES WHOSE RESIDENCES WERE NOT INDICATED.
**TOTAL INCLUDES FOUR GROOMS WHOSE RESIDENCES WERE NOT INDICATED.

TABLE D-9
ALL MARRIAGES BY MONTH, NUMBER AND PERCENT:
PENNSYLVANIA OCCURRENCES, 1987

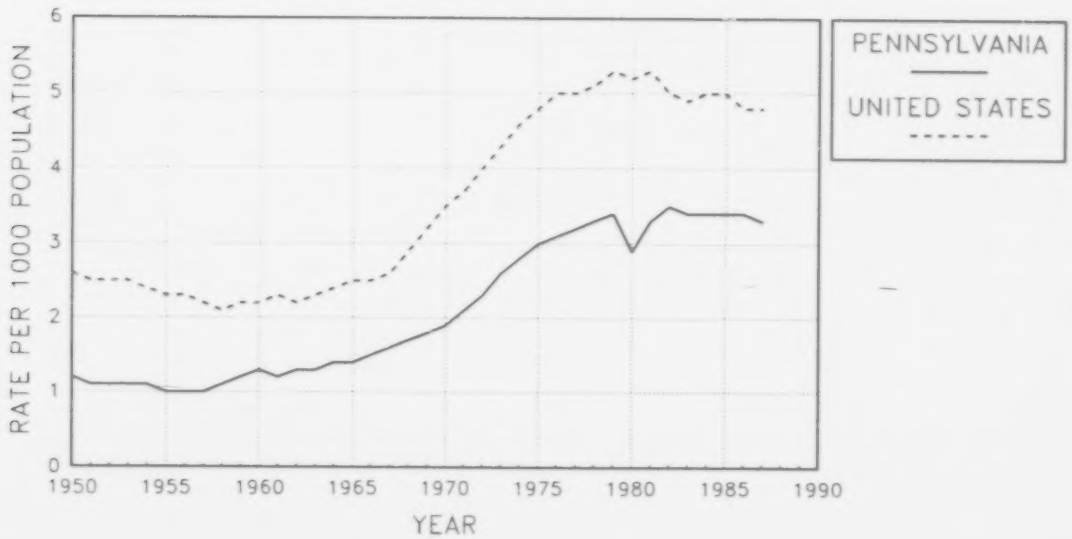
MONTH OF MARRIAGE	NUMBER	PERCENT
ALL MONTHS	87,218	100.0
JANUARY	2,904	3.3
FEBRUARY	4,883	5.6
MARCH	3,878	4.4
APRIL	5,620	6.4
MAY	10,961	12.6
JUNE	10,784	12.4
JULY	7,009	8.0
AUGUST	9,686	11.1
SEPTEMBER	9,924	11.4
OCTOBER	10,319	11.8
NOVEMBER	6,298	7.2
DECEMBER	4,952	5.7

TABLE D-10
DIVORCES AND ANNULMENTS, NUMBER AND RATE*:
PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1987

YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE	YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE	UNITED STATES NUMBER	UNITED STATES RATE
1987	38,837	3.3	1,157,000**	4.8	1967	18,668	1.6	523,000	2.6
1986	39,875	3.4	1,159,000**	4.8	1966	16,940	1.5	499,000	2.5
1985	40,153	3.4	1,190,000	5.0	1965	16,578	1.4	479,000	2.5
1984	40,375	3.4	1,169,000	5.0	1964	16,139	1.4	450,000	2.4
1983	40,150	3.4	1,158,000	4.9	1963	14,789	1.3	428,000	2.3
1982	41,280	3.5	1,170,000	5.0	1962	14,316	1.3	413,000	2.2
1981	38,842	3.3	1,213,000	5.3	1961	13,606	1.2	414,000	2.3
1980	34,922	2.9	1,189,000	5.2	1960	14,429	1.3	393,000	2.2
1979	39,808	3.4	1,181,000	5.3	1959	13,891	1.2	395,000	2.2
1978	38,261	3.3	1,130,000	5.1	1958	12,243	1.1	368,000	2.1
1977	37,868	3.2	1,091,000	5.0	1957	11,651	1.0	381,000	2.2
1976	36,531	3.1	1,083,000	5.0	1956	11,480	1.0	382,000	2.3
1975	34,955	3.0	1,036,000	4.8	1955	11,103	1.0	377,000	2.3
1974	32,899	2.8	977,000	4.6	1954	11,711	1.1	379,000	2.4
1973	31,005	2.6	915,000	4.3	1953	12,121	1.1	390,000	2.5
1972	27,501	2.3	845,000	4.0	1952	11,905	1.1	392,000	2.5
1971	25,110	2.1	773,000	3.7	1951	11,743	1.1	381,000	2.5
1970	22,622	1.9	708,000	3.5	1950	12,096	1.2	385,144	2.6
1969	21,580	1.8	639,000	3.2					
1968	20,326	1.7	584,000	2.9					

* RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

FIGURE D-3
DIVORCE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1987



NOTE: ANNULMENTS ARE INCLUDED IN DIVORCE RATES.

TABLE D-11
DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE,
NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1987

DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT	DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT
TOTAL	38,837	100.0			
UNDER 1	127	0.3	13	1,278	3.3
			14	1,203	3.1
1	1,136	2.9	15	1,148	3.0
2	2,177	5.6	16	1,032	2.7
3	2,631	6.8			
4	2,708	7.0	17	908	2.3
			18	896	2.3
5	2,824	7.3	19	814	2.1
6	2,468	6.4	20-24	3,012	7.8
7	2,303	5.9			
8	2,131	5.5	25-29	1,748	4.5
			30-34	922	2.4
9	1,774	4.6	35-39	502	1.3
10	1,550	4.0	OVER 39	341	0.9
11	1,431	3.7			
12	1,323	3.4	NOT STATED	450	1.2

FIGURE D-4
DIVORCES AND ANNULMENTS, PERCENT BY DURATION OF MARRIAGE
PENNSYLVANIA OCCURRENCES, 1987

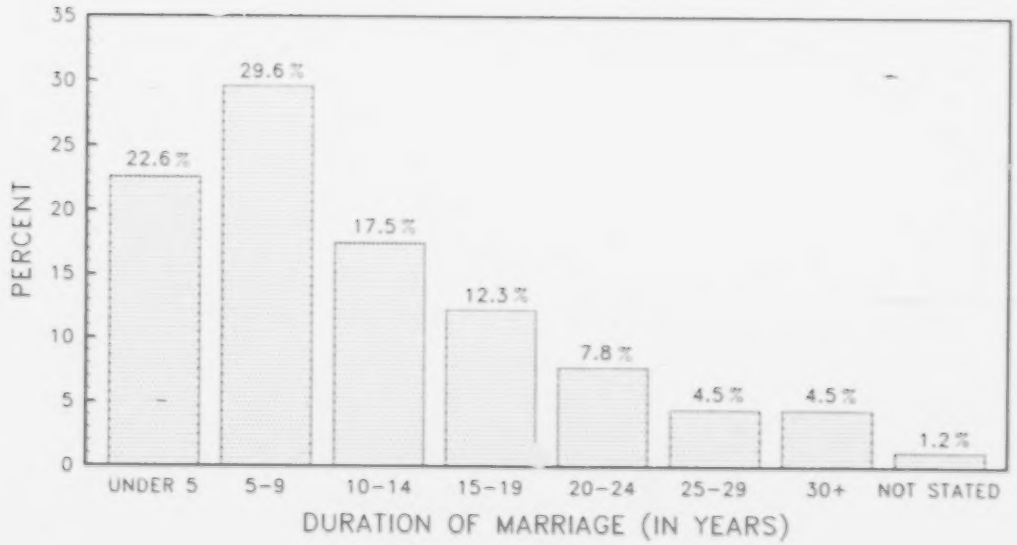


TABLE D-12
MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE
NUMBER AND RATE*: PENNSYLVANIA, 1987

	MARRIAGES		DIVORCES	
COUNTY	NUMBER**	RATE	NUMBER	RATE
ALL COUNTIES	87,218	7.3	38,837	3.3
ADAMS	476	6.6	227	3.1
ALLEGHENY	9,841	7.2	3,707	2.7
ARMSTRONG	541	6.8	165	2.1
BEAVER	1,112	5.8	517	2.7
BEDFORD	303	6.3	158	3.3
BERKS	2,430	7.5	1,044	3.2
BLAIR	963	7.3	485	3.7
BRADFORD	542	8.4	233	3.6
BUCKS	4,056	7.6	1,686	3.2
BUTLER	1,084	7.1	493	3.2
CAMBRIA	1,151	6.7	370	2.2
CAMERON	53	8.3	3,872	604.1
CARBON	418	7.6	136	2.5
CENTRE	861	7.5	334	2.9
CHESTER	2,341	6.8	1,103	3.2
CLARION	354	8.5	85	2.0
CLEARFIELD	558	6.8	229	2.8
CLINTON	253	6.7	134	3.5
COLUMBIA	504	8.3	178	2.9
CRAWFORD	635	7.4	302	3.5
CUMBERLAND	1,572	8.2	759	4.0
DAUPHIN	1,834	7.7	830	3.5
DELAWARE	4,892	8.7	1,388	2.5
ELK	291	7.8	88	2.4
ERIE	2,244	8.1	926	3.3
FAYETTE	1,089	7.1	525	3.4
FOREST	54	11.5	16	3.4
FRANKLIN	732	6.1	423	3.5
FULTON	96	6.8	41	2.9
GREENE	263	6.5	135	3.4
HUNTINGDON	326	7.6	118	2.8
INDIANA	574	6.2	207	2.2
JEFFERSON	413	8.6	183	3.8
JUNIATA	164	6.2	48	2.4
LACKAWANNA	1,583	7.1	615	2.8
LANCASTER	3,179	7.9	1,228	3.0
LAWRENCE	996	9.9	302	3.0
LEBANON	906	8.0	400	3.5
LEHIGH	2,157	7.6	945	3.3
LUZERNE	2,209	6.7	771	2.3
LYCOMING	997	8.5	437	3.7
MCKEAN	393	8.4	181	3.9
MERCER	992	8.0	373	3.0
MIFFLIN	374	8.0	150	3.2
MONROE	782	8.9	242	2.8
MONTGOMERY	5,592	8.2	1,720	2.5
MONTOUR	129	7.7	47	2.8
NORTHAMPTON	1,913	8.0	729	3.0
NORTHUMBERLAND	724	7.4	332	3.4
PERRY	316	7.9	125	3.1
PHILADELPHIA	10,081	6.1	4,294	2.6
PIKE	122	5.0	49	2.0
POTTER	151	8.4	50	2.8
SCHUYLKILL	1,096	7.1	397	2.6
SNYDER	280	7.8	94	2.6
SOMERSET	528	6.5	218	2.7
SULLIVAN	70	10.9	15	2.3
SUSQUEHANNA	314	7.8	145	3.6
TIOGA	318	7.8	181	4.4
UNION	278	8.0	103	3.0
VENANGO	489	7.9	198	3.2
WARREN	391	8.6	73	1.6
WASHINGTON	1,383	6.6	657	3.1
WAYNE	340	8.7	130	3.3
WESTMORELAND	2,607	6.9	1,065	2.8
WYOMING	189	6.8	89	3.2
YORK	2,291	6.9	1,337	4.0

* RATE PER 1,000 ESTIMATED 1987 POPULATION FOR EACH SPECIFIED COUNTY.
**TOTAL MARRIAGES INCLUDE 28 UNKNOWN COUNTY OF OCCURRENCE.

TECHNICAL NOTES

TECHNICAL NOTES

A. SOURCES OF DATA

1. Births, Deaths, and Fetal Deaths:

Birth, death, and fetal death certificates are the source documents for data on vital events to Pennsylvania residents during the 1987 calendar year. A copy of each of these types of certificates is included as Figures I, II and III.

The cut-off date for 1987 data in this report was March 1, 1988. Any data pertaining to a 1987 event for which a certificate was filed after March 1, 1988, are not included in this report. It is possible that data obtained from the State Health Data Center may differ slightly from that which appear in this report. If this should occur, it is due to an update to the 1987 data year which was made after the March 1 deadline for this report.

Births and deaths relating to Pennsylvania residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians, and funeral directors. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

2. Marriages and Divorces:

Each of the 67 counties in Pennsylvania is responsible for collecting, processing, and maintaining marriage and divorce records. Copies of these records are forwarded to the Department of Health only for the purpose of data processing selected items in order to report aggregate statistics as contained in this report. The cut-off date for 1987 data in this report was March 1, 1988. (See Appendix A for more detailed information on vital events registration in Pennsylvania.)

3. Population Estimates:

The estimates of state and county populations used in this report are based on the estimates of the July 1, 1987 population which were produced jointly by the Census Bureau and the State Data Center of the Pennsylvania State University at Harrisburg under the Federal-State Cooperative Program for Local Population Estimates. The estimates will be published by the Bureau of the Census in Current Population Reports, Series P-26. They were generated by a combination of a component procedure which uses administrative records and a regression method. Because the state and county totals were used as controls for age by sex by race detail, they differ from the published numbers by a rounding error.

The estimates of state and county total populations for earlier years have been revised by the Census Bureau from time to time. Those used in the computation of multiple year summary rates are the most recent available at the print date for this publication. However, the tabulation of historical populations printed in this publication preserves the total populations used in earlier publications.

The estimates of population by age, sex and race used in this report are based upon the population counted in the 1980 census, as released on a computer tape having race categories consistent with those mandated by the U.S. Office of Management and Budget. These counts were survived to the July 1, 1987 date, using Pennsylvania resident birth and death records adjusted for net migration, for group quarters populations, and for agreement with medicare enrollments and controlled to the county total.

The estimates of municipal population used in this publication are extrapolated from 1984 and 1986 revenue-sharing estimates, controlled to the county total.

B. DATA QUALITY

1. Query and Field Programs:

The quality of birth and death data presented in this report is directly related to the completeness and accuracy of the information contained on certificates. The State Health Data Center works to ensure that the information received is as complete and accurate as possible and maintains two major program operations for improving the quality of information received on birth and death certificates - the query and field programs.

The query program is a system used to follow-back with hospital personnel, funeral directors, and/or physicians concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and a computer editing procedure.

The field program attempts to improve birth, death, and fetal death certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above.

In addition to regularly scheduled seminars, the field representatives make site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data on birth and death certificates. A 0.4 percent sample of birth records and a 0.5 percent sample of death records coded and submitted monthly by the state are used as a quality control mechanism by NCHS. NCHS codes these sample records independently and then conducts an item-by-item computer match of codes entered by the state and NCHS. NCHS has established a two percent upper limit for coding difference involving any one data item of these sample records, with the exception of cause of death. A five percent limit is established for that item due to the complexity of the coding process.

2. Fetal Deaths:

In terms of the completeness of the data collected, the reporting of deaths and live births is considered to be nearly complete (99 percent or greater). However, in Pennsylvania, fetal deaths under sixteen weeks gestation are not required to be reported.

According to a recent study* of the estimated number of total pregnancies for the United States, prepared by NCHS, the percentage distribution of live births, fetal deaths, and induced abortions is as indicated in the following chart. The percentage distribution of Pennsylvania's reported pregnancies is also shown.

	U.S. Estimated Total Pregnancies 1983	Pennsylvania Reported Pregnancies 1983-1987
Live Births	60.9%	74.7%
Fetal Deaths	12.7%	0.8%
Induced Abortions	26.4%	24.5%

It is apparent that there are a very large number of fetal deaths (probably in excess of 90 percent) not reported or included in this publication, mainly due to the exclusion of those under sixteen weeks gestation. Also, there may be serious underreporting at about sixteen weeks gestation and a smaller undercount at later gestational ages.

3. Congenital Anomalies/Birth Defects:

When reviewing statistics on congenital anomalies reported at birth in this publication, please note that historical and recent studies have verified the underreporting of congenital anomalies on birth certificates, especially among defects that are not easily diagnosed at the time of birth.

According to recent information collected via the "Metropolitan Atlanta Congenital Anomalies/Defects Program" as operated by the Birth Defects Branch, Chronic Disease Division, Center for Environmental Health, Centers for Disease Control, approximately 3.0 percent of all live births result in the occurrence of a congenital anomaly. In Pennsylvania during 1987, only 0.8 percent of all resident live births had a congenital anomaly or birth defect reported on the certificate of live birth.

C. GEOGRAPHY

1. Allocation:

In Pennsylvania's registration program, vital events are classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county

*"Estimates of Pregnancies and Pregnancy Rates for the United States, 1976-85"; Ventura, Taffel and Mosher; **American Journal of Public Health**, May 1988, Vol. 78 No. 5, pp. 506-511.

in which the birth or death took place. The second and more customary way is by place of residence, i.e., the state, county and minor civil division stated to be the usual residence of the decedent in the case of death or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are to be classified to the residence of the mother.

While occurrence figures are accurate and have both administrative value and some statistical significance, residence data are by far more useful in determining health indices for planning and evaluation purposes. The natality and mortality statistics in this report are residence data; however, the marriage and divorce statistics are occurrence data. This is because two separate residences are usually involved in a marriage and a divorce and there are no accepted, standard procedures for determining residency in such events.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses often differ from the actual geographic residence. Where the mailing address is a rural delivery number or when an unincorporated place is given as the place of residence, it may be impossible to allocate the event to a specific township or the correct minor civil division, if this information is not supplied. How often incorrect information on residence is recorded is not known, but it is generally due to lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant. This problem is applicable generally only to minor civil division level data. Resident counts for the state as a whole are usually very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

2. Criteria for Municipality Selection:

Tables A-5, B-26, B-27, B-28, B-29, B-30, B-31, C-29, C-30, C-31, C-32, and C-33 show statistics for selected municipalities. These municipalities include cities or boroughs with a 1980 enumerated population of 25,000 or more. Sharon, which had a 1980 population of 19,057, was also included due to its designation in 1980 as an SMSA (Standard Metropolitan Statistical Area). Philadelphia is a city/county and has been included in both county and municipality tables for the user's convenience.

D. DEFINITIONS OF TERMS

1. Natality:

APGAR SCORE - Named after Virginia Apgar, M.D., the Apgar Score is an international code for the clinical evaluation of an infant one minute and five minutes after birth. A score of 0, 1, or 2 is assigned to each of the following objective signs - heart rate, respiratory effort, muscle tone, reflex irritability, and color. Thus, the total Apgar Score ranges from a low of 0 to a high of 10. In general, a score of 8-10 is considered satisfactory, 4-7 indicates a need for careful observation and possible concern since the infant is moderately depressed, and 0-3 serves as an alert for possible emergency procedures and raises some doubts about survival since the infant is severely depressed.

BIRTH WEIGHT - The first weight of the fetus or newborn obtained after birth. This weight should be measured preferably within the first hour of delivery before significant postnatal weight loss has occurred.

LOW BIRTH WEIGHT - A birth weight under 2500 grams or 5 pounds, 9 ounces.

VERY LOW BIRTH WEIGHT - A birth weight under 1500 grams or 3 pounds, 5 ounces.

LIVE BIRTH - According to Pennsylvania law, is the expulsion or extraction from its mother of a product of conception, irrespective of the period of gestation, which shows any evidence of life at any moment after such expulsion or extraction.

LIVE BIRTH ORDER - An expression used to indicate the numeric relationship of a child to others live-born to that mother.

2. Mortality:

CAUSE OF DEATH - Deaths by cause, are classified according to the International Classification of Diseases, Ninth Revision, of the World Health Organization.

UNDERLYING CAUSE OF DEATH - The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

FETAL DEATH - Defined by law in Pennsylvania as the expulsion or extraction from its mother of a product of

conception after 16 weeks gestation, which shows no evidence of life after such expulsion or extraction.

INFANT DEATH - Death of an infant under 1 year of age.

NEONATAL DEATH - An infant death occurring within the first 27 days of life.

POSTNEONATAL DEATH - An infant death occurring at one month (28 days) to 364 days of age.

MATERNAL DEATH - The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

MEDIAN AGE - The age that falls exactly in the middle of the entire range of ages ranked in order from low to high such that 50% of the ages fall above it and 50% fall below it. If the number of ages is even, a value halfway between the two ages nearest the middle is used.

3. Geographic Allocation:

RESIDENT DATA - Data compiled as to the usual residence without regard to the geographical place where the event occurred. For births, fetal deaths, and infant deaths (in cases where the infant was never discharged from the hospital), the mother's usual residence is used as the place of residence.

OCCURRENCE DATA - Data compiled as to the geographical place the event occurred without regard to the actual residence. Marriage and divorce data are the only occurrence data appearing in this report.

4. Birth Weight in Grams:

In order to provide data comparable to that published for the United States and other countries, birth weight is reported in grams. However, not all facilities in Pennsylvania record birth weight in grams and, in order to collect complete data, providers are given the opportunity to report either pounds and ounces or grams on the Pennsylvania live birth certificate.

In tabulating and presenting the natality statistics for this report, birth weights reported in pounds and ounces are converted to grams. The equivalents of the gram intervals in pounds and ounces are as follows:

499 grams or less =	1 lb. 1 oz. or less
500 - 999 grams =	1 lb. 2 ozs. - 2 lbs. 3 ozs.
1,000 - 1,499 grams =	2 lbs. 4 ozs. - 3 lbs. 4 ozs.
1,500 - 1,999 grams =	3 lbs. 5 ozs. - 4 lbs. 6 ozs.
2,000 - 2,499 grams =	4 lbs. 7 ozs. - 5 lbs. 8 ozs.
2,500 - 2,999 grams =	5 lbs. 9 ozs. - 6 lbs. 9 ozs.
3,000 - 3,499 grams =	6 lbs. 10 ozs. - 7 lbs. 11 ozs.
3,500 - 3,999 grams =	7 lbs. 12 ozs. - 8 lbs. 12 ozs.
4,000 - 4,499 grams =	8 lbs. 13 ozs. - 9 lbs. 14 ozs.
4,500 - 4,999 grams =	9 lbs. 15 ozs. - 11 lbs. 0 ozs.
5,000 grams or more =	11 lbs. 1 oz. or more

E. RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probability of living or dying, i.e., a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specific time. All of the rates defined on the following page are computed for a period covering one year except for the five-year summary rates.

1. Definitions of Rates:

CRUDE BIRTH RATE: Number of live births per 1,000 population.

AGE-SPECIFIC BIRTH RATE: Number of live births to mothers in a specified age group per 1,000 females in the same age group.

GENERAL FERTILITY RATE: Number of live births per 1,000 females in the population 15-44 years old.

FETAL DEATH RATE: Fetal deaths of over 16 weeks gestation per 1,000 deliveries. The number of deliveries consists of live births plus fetal deaths.

NEONATAL DEATH RATE: Number of infants dying under 28 days of age per 1,000 live births.

POSTNEONATAL DEATH RATE: Number of infants dying at 28 to 364 days of age per 1,000 live births.

INFANT DEATH RATE: Deaths under one year of age per 1,000 live births.

CRUDE DEATH RATE: Number of deaths per 1,000 population.

AGE-SPECIFIC DEATH RATE: Number of deaths for a specified age group per 1,000 population in the same age group.

RACE-SPECIFIC DEATH RATE: Number of deaths for a specified racial group per 1,000 population in the same racial group.

AGE-ADJUSTED DEATH RATE (Direct Method): Age-specific death rates for a selected population are applied to a standard population in order to calculate what rate **would be expected** if the selected population had the same age distribution as the standard. The total of **expected** deaths divided by the total of the standard population and multiplied by 1,000 (or 100,000 for cause-specific rates) yields the age-adjusted death rate per 1,000 or 100,000. (It is important to use the same standard population in the computation of each age-adjusted rate to achieve comparability. Age-adjusted death rates should never be compared with any other type of death rate or be used as absolute measurements of mortality.)

CAUSE-SPECIFIC DEATH RATE: Number of deaths from a specific cause per 100,000 population.

MATERNAL DEATH RATE: Number of deaths from complications of pregnancy, childbirth, and the puerperium per 10,000 live births.

TOTAL FERTILITY RATE: The sum of the age-specific birth rates of women in five-year age groups multiplied by five. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time. The total fertility rate or TFR can be used as an estimate of the fertility growth factor in a population, e.g. whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average, couples are producing at least two children to replace themselves. When the TFR exceeds 2,000 for an extended period, the next generation of childbearing age will probably be larger than the present population of that age if all other factors affecting the population, such as death rates and migration, remain constant. Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level. The TFR is not meant to be used as an absolute measure of population trends, but can be helpful in understanding and analyzing them. There are many other factors to consider when determining population trends, such as crude birth rates, death rates, and migration patterns. In fact, it would take several generations of a childbearing population maintaining a replacement level to just stabilize a specific population, again given that other factors, mainly age-specific death rates, also were maintained.

FIVE-YEAR SUMMARY RATE: The total number of vital events (births, deaths, etc.) that took place during the five years specified per 1,000 total population for the same five year period. (See Section A.3. for further discussion of the population estimates used to compute the summary rates that appear in this report.)

2. Reliability of Rates:

Precautions should always be taken when comparing any rates based on vital events and population, especially crude rates. Both the size of the numbers and the characteristics of the population are important indicators of a rate's real value.

All statistics are subject to chance variation. Rates based on an unusually small or large number of events over a specified period of time or for a sparsely populated geographic area should be of particular concern and caution.

For example, there were only two infant deaths reported in 1986 for residents of Forest County, the least populated county in the State. However, those two infant deaths were enough to give Forest County an infant death rate of 36.4 per 1,000 resident live births in 1986 and the distinction of having, by far, the highest infant death rate that year in the state among all counties. This is the chance result of two deaths having enormous significance when statistically applied to the small amount of births to the few residents of that county. Any statement regarding the unusually high 1986 infant death rate in Forest County could be quite misleading. When small events or populations are evident in calculating/studying rates, multiple year rates (usually 5 or 10 year summary rates) will sometimes provide a much better perspective or measurement of an outcome. For instance, if you calculate a five year (1983-87) summary infant death rate for Forest County,

you will get a rate of 11.7 per 1,000 resident live births, a considerably lower and more accurate measurement of the infant mortality experience in Forest County. Expanding the period of time studied enlarges the absolute numbers and adds more credence to a statement regarding Forest County's infant death rate.

A multiple year rate may also help substantiate what you at first considered an artifically high or low incidence for one year. Consider the 1987 divorce rate of 1.6 per 1,000 population in Warren County, by far the lowest rate in the state. The state rate was 3.3. A summary five-year (1983-87) divorce rate for Warren County was almost as low, 1.9 per 1,000 population. In 1987, another rural county, Cameron, had an incredible rate of 605.0. A five year (1983-87) divorce rate for Cameron gives you a somewhat lower but still impressive 548.3. What do these widely varied rates mean? Are residents of Cameron County almost 400 times more likely to get a divorce than residents of Warren County? No, of course not; the problem here is that divorce (and marriage) statistics are occurrence data, i.e., the rates are computed by dividing the number of divorces (or marriages) occurring in the county by the population residing in the county. Before one could reach any conclusions, you would have to investigate local factors that could influence the number of marriages and divorces occurring in a county.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race are not accounted for in crude rates. One prime Pennsylvania example is Centre County. Because Penn State's major campus with over 35,000 students is located in this rural county, the median age is usually the lowest in the state; so is the crude death rate. However, rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County usually appears closer to the middle of these rates. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, again there are limitations to their use and one should be very familiar with these rates before attempting their use.

F. Selected Causes of Death

In Tables C-8, C-9, C-10A thru C-10E, C-11A thru C-11E, C-12, C-28, and C-33, various causes of deaths are indicated. These selected causes of death and the corresponding ICD-9 cause of death codes are listed in the following table. The more specific causes for heart disease and malignant neoplasms that appear in Tables C-28 and C-33 are defined by ICD-9 codes in footnotes following Tables C-16B and C-17C.

Please note that "Chronic Obstructive Pulmonary Disease" appears as a relatively new category. Medical certifiers have been using the term more often on certificates since the 1970's. The National Center for Health Statistics and many states have incorporated this category into their mortality reports for several years now. Therefore, for comparability reasons alone, it is important to include this category among leading causes of death. The category includes bronchitis, emphysema, asthma and allied conditions. Please note, however, that due to International Classification of Disease revisions used for coding causes of death, data on this new category are not comparably available prior to 1979, when the last revision occurred. Also, the category, "Cerebrovascular Disease", was named "Vascular Lesions Affecting Central Nervous System" prior to 1968.

Also note that HIV (Human Immunodeficiency Virus) Infection is a new category, appearing for the first time in 1987. Prior to 1987, there were no ICD-9 cause of death codes specifically assigned to this disease.

CAUSE OF DEATH	ICD-9 CODE(S):
Heart Disease	390-398,402 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Accidents, All Forms	E800-E807, E810-E949
Motor Vehicle	E810-E825
Non-Motor Vehicle	E800-E807, E826-E949
Chronic Obstructive Pulmonary Disease	490-496
Pneumonia and Influenza	480-487
Diabetes Mellitus	250
Septicemia	038
Nephritis, Nephrosis	580-589
Suicide	E950-E959
Liver Disease and Cirrhosis	571
Atherosclerosis	440
Aortic Aneurysm	441
Perinatal Conditions	760-779
Homicide and Legal Intervention	E960-E978
Congenital Anomalies	740-759
Pneumoconiosis	500-505
Hypertension	401, 403

CAUSE OF DEATH	ICD-9 CODE(S)
Benign and Unspecified Neoplasm	210-239
Parkinson's Disease	332
HIV Infection	042-044
Ulcers of Stomach and Duodenum	531-533
Hernia and Intestinal Obstruction	550-553,560
Anemias	280-285
Nutritional Deficiencies	260-269
Gall Bladder Disorders	574-575
Disease of Pancreas	577
Alcoholism	303
Venous Embolism and Thrombosis	451-453
Epilepsy	345
Multiple Sclerosis	340
Tuberculosis	010-018
Infections of Kidney	590
Meningitis	320-322

G. Multiple Causes of Death

Traditionally, aggregate mortality statistics have been based on a tabulation of deaths, with one underlying cause assigned for each death. However, the medical certifier is required to report on a death certificate the immediate cause of death, the antecedent conditions which gave rise to the immediate cause, the underlying cause, and any other significant conditions contributing to death that are not related to any previously stated causes on the certificate (see Figure II). In the last few years, an ever increasing demand for more comprehensive mortality data coupled with advances in computer technology resulted in the development of the Automated Classification of Medical Entities (ACME) system by the National Center for Health Statistics.

The principal objective of this system is to provide full medical information from death certificates by assigning the traditional underlying cause as well as tabulating multiple causes from all medical conditions listed on the certificates by the certifier, through automated application of the internationally recognized classification of diseases. The result is multiple cause data made available on computer tape by means of a system of computer programs furnished by the National Center for Health Statistics. Pennsylvania has such a system and the State Health Data Center has begun accessing these files and producing some very interesting and, potentially, more valuable nosologic information.

The multiple causes of death information are coded on computer tapes in two formats, record axis and entity axis. Entity codes identify the conditions causing or contributing to death, together with their position as they were entered in the cause of death section of the death certificate. Record axis codes, on the other hand, reflect the application of a uniform set of rules to the entity codes, to eliminate redundancies and internal inconsistencies, and to substitute the preferred codes for a given combination of conditions. Use of the entity codes is necessary to study the temporal and causal relationships among the conditions associated with a given set of deaths. Use of the record axis codes, however, is necessary if the conditions associated with death are to be aggregated and tabulated on a uniform basis. Please contact the State Health Data Center if you are interested in more information about multiple causes of death statistics.

APPENDIX A

VITAL RECORDS REGISTRATION IN PENNSYLVANIA

Record	Persons Responsible For Completing Records	Persons Responsible For Filing Records With Local Registrar	Persons Responsible For Transmitting Records to State
Certificate of Live Birth	Attending physician or licensed midwife (or designated person for unattended births)	Attending physician or licensed midwife (or designated person for unattended births)	Local Registrar
Certificate of Fetal Death	Funeral Director or other person in charge of interment, informant, and physician or coroner (for medical certification)	Funeral Director or other person in charge of interment	Local Registrar
Certificate of Death	Funeral Director or other person in charge of interment, informant, and physician or coroner (for medical certification)	Funeral Director or other person in charge of interment	Local Registrar
Marriage Record	Clerk of Orphans' Court of any county (transcription of marriage license application)	Not Applicable	Clerk of Orphans' Court
Record of Divorce or Annulment	Prothonotary or Clerk of Orphans' Court	Not Applicable	Prothonotary or Clerk of Orphans' Court

Source: For complete information, see Vital Statistics Law of 1953, Act of the General Assembly No. 66, Commonwealth of Pennsylvania, June 29, 1953.

APPENDIX B

ADDITIONAL STATISTICS AVAILABLE

The vital statistics data presented in this report are only a part of the information collected via the birth, death, and fetal death certificates (see Figures I, II, and III) and marriage and divorce records.

The State Health Data Center maintains current and historical, annual and multiple year tabulations (in most cases, back to 1960) in different formats and using other variables from the vital records not contained in this report. Copies of these tabulations can be obtained by contacting the Center. However, many of these cross-tabulations are quite lengthy and there may be a charge involved, especially if several years of information are requested. The Center can also produce, for a fee, special computer-generated output to the user's specifications.

The following is a list of the cross-tabulations readily available by type of record. Unless otherwise specified below, annual tabulations are available in the same format for every year back to 1960. Multiple year summary tabulations are available for the years 1979 through 1987.

ANNUAL TABULATIONS

Live Births:

First Name Occurrence by Sex (1977-1987)
Resident Births by Single Age of Mother by Minor Civil Division (1984-1987)
Resident Births by Single Age of Mother by County (1974-1987)
Resident Births by Age of Mother by Race and Sex of Child by County and Minor Civil Division
Resident Births by Age of Mother and Birth Weight by County (1984-1987)
Resident Births by Age of Mother and Trimester of Entry Into Prenatal Care by County
Resident Births by Age of Mother and Medical Conditions at Birth by County
Resident Births by Age of Mother and Birth Order of Children by County
Resident Births by Month by County and Minor Civil Division
Resident Births by Sex and Race of Child by County and Minor Civil Division
Resident Births by Birth Weight by Race and Sex of Child by County
Resident Births by Marital Status by County and Minor Civil Division
Resident Births by Method of Delivery by County
Resident Births by Plurality by County
Resident Births by Number of Previous Pregnancies by County (1985-1987)

Deaths:

Resident Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Deaths by Month by County and Minor Civil Division
Resident Deaths by 4-digit ICD Cause of Death Code, Age, Sex and Race by County
Selected Major Causes of Death by Age, Sex and Race by County
Selected Major Causes of Death by Age by Minor Civil Division
Resident Cancer Deaths by Type and Sex by County (1984-1987)
Resident Cancer Deaths by Type by County and Minor Civil Division (1984-1987)
Resident Suicide Deaths by Age, Sex and Race by County (1980-1987)
Resident Deaths by Autopsy Status by County
Resident Deaths by Method of Disposition by County and Minor Civil Division
Resident Infant Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Infant Deaths by Month by County and Minor Civil Division
Resident Infant Deaths by 4-digit Cause of Death Code by Age, Sex and Race by County
Resident Neonatal Deaths by Month by County and Minor Civil Division

APPENDIX B (Continued)

ANNUAL TABULATIONS

Fetal Deaths:

Resident Fetal Deaths by Type and Month by County and Minor Civil Division
Resident Fetal Deaths by Type and Age of Woman by County and Minor Civil Division

Marriages* (1974-1987):

Month of Marriage by County of Marriage
Marriages by the Age of Groom and Bride
Previous Marital Status by Race of Bride and Type of Ceremony
Previous Marital Status by Race of Groom and Type of Ceremony
Prior Marriages by Race and Age of the Bride
Prior Marriages by Race and Age of the Groom
Prior Marriages by State of Residence of the Bride
Prior Marriages by State of Residence of the Groom
Prior Marriages by Age of the Bride
Prior Marriages by Age of the Groom
Previous Marital Status by Race and Age of the Bride
Previous Marital Status by Race and Age of the Groom

Divorces* (1974-1987):

Divorces by Month by County of Occurrence
Divorces by Plaintiff and Party Granted Decree
Divorces by County of Occurrence
Divorces by Duration and Grounds
Divorces by Age of Husband and Number of Times Married
Divorces by Age of Wife and Number of Times Married
Divorces by Wife's Duration of First or Remarriage
Divorces by Husband's Duration of First or Remarriage
Divorces by State Where Marriage Was Performed
Number of Children and Custody by County of Divorce
Divorces by Legal Grounds

*All marriage and divorce data are by occurrence. Divorce data include both divorces and annulments.

MULTIPLE YEAR TABULATIONS (1979-1987)

Live Births:

Resident Births by Age of Mother by Sex and Race by County
Resident Births by Sex, Race and Congenital Anomaly
Resident Births by Congenital Anomaly by Year
Resident Births by Sex and Race by Year by County
Resident Births by Sex and Race by County and Minor Civil Division
Resident Births by Age of Mother by Year by County
Resident Births by Congenital Anomaly by Year by County
Resident Births by Birth Weight, Sex and Race by County
Resident Births by Congenital Anomaly, Sex and Race by County
Resident Births by Birth Weight and Age of Mother by County
Resident Births by Age of Mother and Trimester of Entry Into Prenatal Care by County

Deaths:

Resident Deaths by Selected Major Causes by Age and Year
Resident Deaths by Age, Sex and Race by County and Minor Civil Division
Resident Deaths by Selected Causes by Age, Sex and Race by County
Resident Deaths by Age by Year by County
Resident Deaths by Selected Causes and Age by Year by County
Resident Deaths by Age, Sex and Race by Year
Resident Infant Deaths by Age by Year by County
Resident Infant Deaths by Age, Sex and Race by County and Minor Civil Division

Fetal Deaths:

Resident Fetal Deaths by Type and Age of Woman by County and Minor Civil Division
Resident Fetal Deaths by Type and Month by County
Resident Fetal Deaths by Type and Age of Woman by Year by County
Resident Fetal Deaths by Type and Month by Year by County

NOTE: Minor Civil Division is city, borough or township. Data tables that list minor civil divisions are available only back to 1961, unless otherwise specified.

H105.142 (Rev. 3/82)

FIGURE I

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF LIVE BIRTH

PRIMARY DIST. NO. _____ STATE FILE NO.

CERTIFICATE SHOULD BE TYPED OR PRINTED IN PERMANENT BLACK OR BLUE/BLACK INK

VOID

CHILD NAME FIRST MIDDLE LAST (1)	SEX (2)	DATE OF BIRTH (Mo, Day, Year) (3a)	HOUR (3b)
			_____ AM _____ PM

HOSPITAL NAME (If not in Hospital, Give Street Address or Rural Location) 4a	City, Boro, or Twp. of Birth 4b	COUNTY OF BIRTH 4c

I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF 5a. (Signature) ▶	DATE SIGNED (Mo, Day, Year) 5b.	CERTIFIER NAME AND TITLE (Type or Print) 5c.
Name and Title of Attendant at Birth if other than Certifier (Type or Print) 5d	CERTIFIER'S MAILING ADDRESS (Street or R F D No., City or Town, State, Zip) 5e	

MOTHER MAIDEN NAME FIRST MIDDLE LAST 6a	AGE (At time of this Birth) 6b	STATE OF BIRTH (If not in U S A Name Country) 6c
MAILING ADDRESS STREET AND NUMBER CITY AND STATE ZIP CODE 7.		

WHERE DOES MOTHER ACTUALLY LIVE? 8. 8a. State _____ 8b. County _____	Does mother live in a township? 8c. ☐ Yes, mother lives in _____ township 8d. ☐ No, mother lives within actual limits of _____ city/boro

FATHER NAME FIRST MIDDLE LAST 9a	AGE (At time of this Birth) 9b	STATE OF BIRTH (If not in U S A Name Country) 9c

INFORMANT 10a	Relation to Child 10b.	REGISTRAR'S SIGNATURE AND NUMBER 11a.	DATE RECEIVED 11b.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE MOTHER (e.g., White, Black, American Indian, etc. Specify) 12	RACE FATHER (e.g., White, Black, American Indian, etc. Specify) 13	EDUCATION MOTHER (Specify only highest grade completed) ELEMENTARY OR SECONDARY (0-12) / COLLEGE (1-4 or 5+) 14	EDUCATION FATHER (Specify only highest grade completed) ELEMENTARY OR SECONDARY (0-12) / COLLEGE (1-4 or 5+) 15	IS MOTHER MARRIED TO FATHER? ☐ Yes ☐ No 16

PREGNANCY HISTORY (Complete each section)

LIVE BIRTHS (Do not include this child)	OTHER TERMINATIONS (Spontaneous and Induced)	Date Last Normal Menses Began (Mo, Day, Year) 18	Month of Pregnancy Pre Natal Care Began (1st, 2nd, etc.) (Specify) 19a	Pre Natal Visits — Total (If none, so state) 19b.	Length of Pregnancy in weeks 20
17a. Now living: Number ____ None ☐ / 17b. Now dead: Number ____ None ☐	17d. Before 16 wks: Number ____ None ☐ / 17e. After 16 wks: Number ____ None ☐	BIRTH WEIGHT 21	THIS BIRTH Single, Twin, Triplet, etc (Specify) 22a	If NOT Single Birth Born First, Second, Third etc (Specify) 22b	APGAR SCORE 1 Min 23a / 5 Min 23b
17c. Date of Last Live Birth (Mo, Year)	17f. Date of Last Other Termination (Mo, Year)	Method of Delivery 24	COMPLICATIONS OF PREGNANCY (Describe or write "none") 25		

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") 26.	COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") 27
BIRTH INJURIES OF CHILD (Describe or write "none") 28	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") 29

207

H105.143 REV. 12/81

FIGURE II

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF DEATH

(Physician)

STATE FILE NO.

Type or Print in Permanent Blue or Blue/Black Ink

A _____
B _____
C _____
D _____
E _____
F _____
G _____

DECEDENT

Name of decedent (First) (Middle) (Last) 1 | Sex 2 | Date of death (Mo., Day, Yr.) 3

Race (e.g. White, Black, American Indian, etc.) 4 | Age last birthday 5A | If under 1 yr. Mos. Days 5B | If under 1 day Hours Min. 5C | Date of birth (Mo., Day, Yr.) 6A | State or foreign country of birth 6B | County of birth 6C | City, Boro, or Twp. of birth 6D

County of death 7A | City, Boro, or Twp. of death 7B | Hospital or Institution (If not either, give address) 7C | If hosp. or inst., indicate D.O.A., O.P.D., or inpatient (specify) 7D

Decedent's Mailing Address (Street or RFD No.) (City or Town) (State) (Zip Code) 8 | Marital Status 9 | Surviving Spouse (If wife, give maiden name) 10

Citizen of what country? 11 | Was decedent ever in U.S. Armed Forces? ☐ Yes ☐ No 12 | Social Security Number 13 | Usual Occupation (Kind of work done during most of working life) 14A | Kind of business or industry 14B

PARENTS

Where did decedent actually live? 15 — 15a State _____ Did decedent live in a township? 15b County _____ 15c ☐ Yes, decedent lived in _____ township 15d ☐ No, decedent lived within actual limits of _____ city or boro

Father's name (First) (Middle) (Last) 16 | Mother's maiden name (First) (Middle) (Last) 17

DISPOSITION

Informant's name (Type or Print) 18A | Informant's Mailing address (St. or RFD No.) (City or Town) (State) (Zip Code) 18B

☐ Burial ☐ Removal ☐ Cremation ☐ Other 19A | Date of burial, etc. 19B | Name of cemetery or crematory 19C | Location (City, boro, twp.) (State) 19D

Signature of funeral director and license number 20A | FD – _____ – _____

Name and address of funeral establishment 20B

Registrar's Signature 21A | Date received by registrar 21B

CERTIFIER

To Be Completed By Certifying Physician Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.

Signature and title 22A | MD or DO

Date Signed (Mo., Day, Yr.) 22B | Hour of Death 22C ____ A.M. ____ P.M.

Name and Address of Certifier (Physician, Medical Examiner or Coroner) (Print or Type) 24

Name of Attending Physician 25

Conditions If Any Which Gave Rise To Immediate Cause Stating The Underlying Cause Last → CAUSE OF DEATH

26

PART I

IMMEDIATE CAUSE — Enter only one cause per line for (A), (B) and (C)

(A) _____ Interval between onset and death

Due to, or as a consequence of

(B) _____ Interval between onset and death

Due to, or as a consequence of

(C) _____ Interval between onset and death

PART II Other Significant Conditions — Conditions contributing to death but not related to cause given in Part I (a)

Autopsy ☐ Yes ☐ No 27 | Was case referred to Medical Examiner or Coroner? ☐ Yes ☐ No 28

If Acc., Suicide, Hom., Undet. or Pending Investigation (Specify) 29A | Date of Injury (Mo., Day, Yr.) 29B | Hour of Injury 29C ____ A.M. ____ P.M. | Describe how injury occurred 29D

Injury at work? ☐ No ☐ Yes 29E | Place of Injury (At home, farm, street, etc.) 29F | Location (Street or RFD No.) (City, Boro, or Twp.) (State) 29G

VOID

H 105.024 REV. 3-83

FIGURE III

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

State File No. _____

TYPE OR PRINT IN PERMANENT INK

MULTIPLE BIRTHS Enter State File Number for Mate(s)

LIVE BIRTH(S)

FETAL DEATH(S)

REGISTRAR'S SIGNATURE AND FIVE DIGIT NUMBER

Date Received _____

1a. HOSPITAL–NAME (If not in Hospital, Give Street and No.)

1b. CITY, BORO, TWP. OF DELIVERY

1c. COUNTY OF DELIVERY

2a. DATE OF DELIVERY (Month, Day, Year)

2b. HOUR OF DELIVERY ____ m.

3. SEX OF FETUS

4. WEIGHT OF FETUS

5. METHOD OF DELIVERY

6a. MOTHER–MAIDEN NAME FIRST MIDDLE LAST

6b. AGE (At Time Of This Delivery)

6c. STATE OF BIRTH (If not U.S.A., Name Country)

7. MAILING ADDRESS Street Post Office State Zip Code

8. WHERE DOES MOTHER ACTUALLY LIVE? a. State _____ b. County _____

DOES MOTHER LIVE IN A TOWNSHIP? ☐ Yes, Mother Lives In _____ Township ☐ No, Mother Lives Within Limits of _____ City, Boro

9. RACE (White, Black, American Indian, etc.)

10. IS MOTHER MARRIED? Yes ☐ No ☐

EDUCATION (Specify only highest grade completed)

13. Elementary or Secondary (0–12) | College (1–4 or 5+)

PREGNANCY HISTORY (Complete Each Section)

LIVE BIRTHS

14a. Now Living Number ____ None ☐

14b. Now Dead Number ____ None ☐

OTHER TERMINATIONS (Spontaneous and Induced)

14d. Before 16 Wks Number ____ None ☐

14e. After 16Wks Number ____ None ☐

11. DATE LAST NORMAL MENSES BEGAN (M, D, Y)

12a. MO. OF PREGNANCY PRENATAL CARE BEGAN (1st, 2nd, etc.)

12b. PRENATAL VISITS TOTAL NUMBER (If none, so state)

15a. THIS BIRTH–Single, twin, triplet, etc. (Specify)

15b. IF NOT SINGLE BIRTH Born 1st., 2nd., 3rd., etc. (Specify)

16. BIRTH INJURIES OF FETUS (Describe or write none)

17. CONGENITAL ANOMALIES OF FETUS (Describe or write none)

14c. DATE OF LAST LIVE BIRTH (Month, Year)

14f. DATE OF LAST OTHER TERMINATION (Month, Year)

18. COMPLICATIONS OF PREGNANCY (Describe or write none)

19. CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write none)

20. COMPLICATIONS OF LABOR AND DELIVERY (Describe or write none)

VOID

21a. FATHER – NAME FIRST MIDDLE LAST

21b. AGE (At Time of this Delivery)

EDUCATION (Specify only highest grade completed)

23. Elementary or Secondary (0-12) | College (1-4 or 5+)

21c. STATE OF BIRTH (If not U.S.A., Name Country)

22. RACE (White, Black, American Indian, etc.)

24. FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH

(a) IMMEDIATE CAUSE (Enter Only One Cause Per Line For (a), (b), (c)) — SPECIFY FETAL OR MATERNAL

DUE TO OR AS A CONSEQUENCE OF

FETAL AND/OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST

(b) _____ SPECIFY FETAL OR MATERNAL

DUE TO OR AS A CONSEQUENCE OF

(c)

25. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER (Conditions Contributing to Fetal Death but not Related to Cause Given in 24a.)

26. FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN

27. PHYSICIAN'S ESTIMATE OF GESTATION (weeks)

28. AUTOPSY Yes ☐ No ☐

I HEREBY CERTIFY THIS FETUS WAS DELIVERED DEAD ON THE DATE STATED ABOVE (2a).

29. SIGNATURE (Physician or Coroner) Address Date Signed

30a. BURIAL ☐ CREMATION ☐ REMOVAL ☐

30b. DATE

30c. NAME OF CEMETERY OR CREMATORY

30d. LOCATION CITY, BORO., TWP. STATE

FUNERAL SERVICE LICENSEE (Or Person Acting as such) Signature 31a.

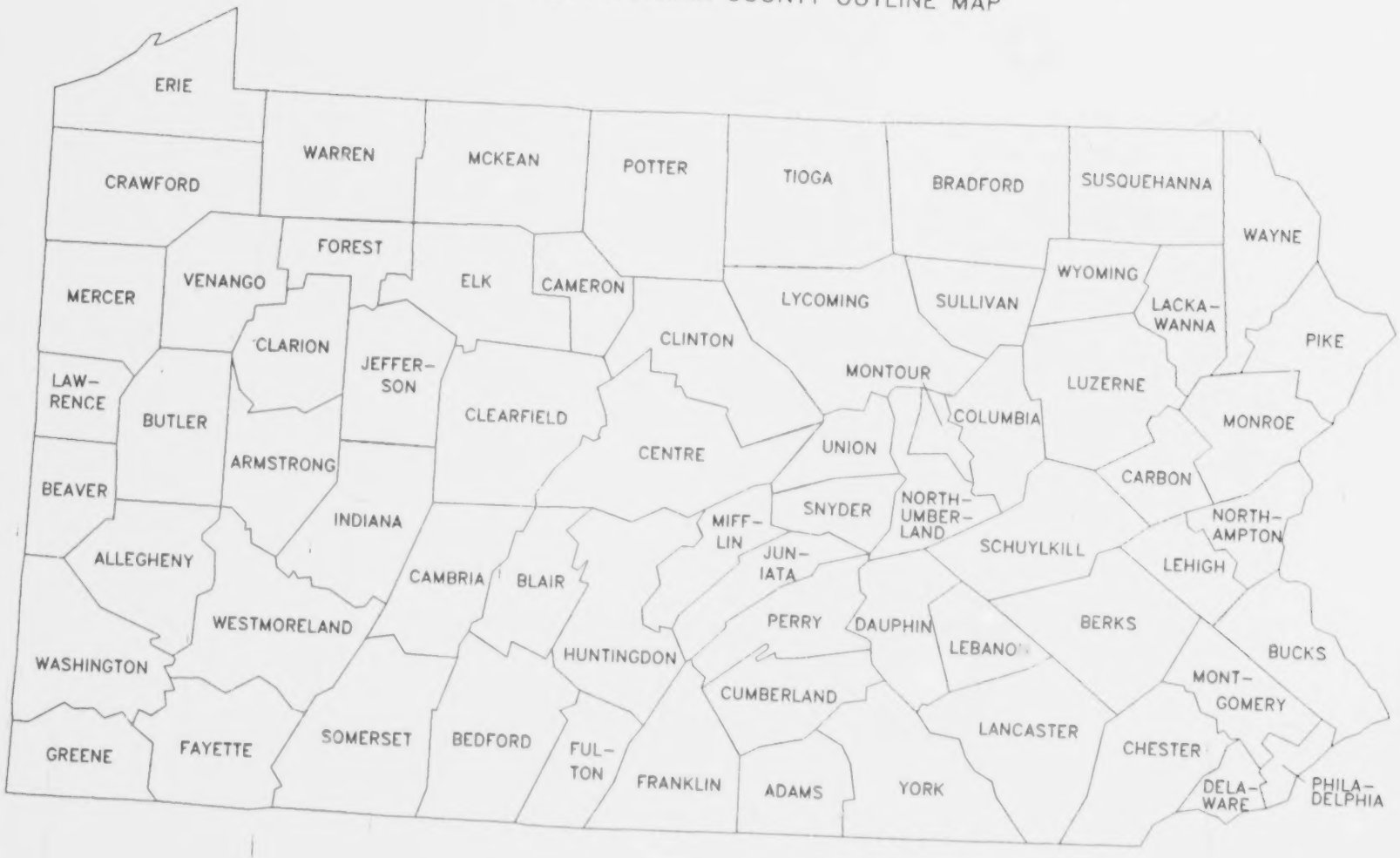
31b. NAME OF FACILITY

31c. ADDRESS OF FACILITY

209

FIGURE IV

PENNSYLVANIA COUNTY OUTLINE MAP



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
STATE HEALTH DATA CENTER

Robert P. Casey
Governor

N. Mark Richards, M.D.
Secretary of Health